



UNIVERSITY *of* WASHINGTON

Michael K. Young
President

January 29, 2014

Dean Paul G. Ramsey
School of Medicine
Box 357110

Dear Paul:

Based on the recommendation of its Subcommittee on Admissions and Programs, the Faculty Council on Academic Standards has recommended approval of the change in the name of the program from a Bachelor of Science degree in Medical Technology to a Bachelor of Science degree in Medical Laboratory Science. A copy of the change is attached.

I am writing to inform you that the School of Medicine is authorized to specify these requirements beginning autumn quarter 2014.

The new requirements should be incorporated in printed statements and in individual department websites as soon as possible. The *General Catalog* website will be updated accordingly by the Registrar's Office.

Sincerely yours,

A handwritten signature in black ink that reads "Michael K. Young".

Michael K. Young
President

Enclosure

cc: Ms. Heather Eggleston (with enclosure)
Mr. Robert Corbett (with enclosure)
Ms. Virjean Edwards (with enclosure)



UNIVERSITY OF WASHINGTON

CREATING AND CHANGING UNDERGRADUATE
ACADEMIC PROGRAMSSEP 04 2013 sent 8/30/2013
OFFICE USE ONLY
Control #
LABM-20130805

After college/school/campus review, send a signed original and 1 copy to the Curriculum Office/FCAS, Box 355850.

For information about when and how to use this form: <http://depts.washington.edu/uwcr/1503instructions.pdf>

College/Campus: School of Medicine/Seattle Campus	Department/Unit: Laboratory Medicine	Date 8/5/2013
--	---	----------------------

New Programs

- ☐ Leading to a Bachelor of ____ in ____ degree.
- ☐ Leading to a Bachelor of ____ degree with a major in ____.
- ☐ Leading to a ____ Option within the existing major in ____.
- ☐ Leading to a minor in ____.

Changes to Existing Programs

- ☐ New Admission Requirements for the Major in ____ within the Bachelor of ____.
- ☐ Revised Admission Requirements for the Major in ____ within the Bachelor of ____.
- ☐ Revised Program Requirements for the Major in ____ within the Bachelor of ____.
- ☐ Revised Requirements for the Option in ____ within the major in ____.
- ☐ Revised Requirements for the Minor in ____.

Other Changes

- ☒ Change name of program from Medical Technology to Medical Laboratory Science
- ☐ Change delivery method or location of program.
- ☐ New or Revised Continuation Policy for ____.
- ☐ New Honors Requirements for ____.
- ☐ Eliminate program in ____.

Proposed Effective Date: **Quarter: X** Autumn ☐ Winter ☐ Spring ☐ Summer **Year: 20 14**

Contact Person: Heather Eggleston	Phone: 598-2162	Email: auyong@uw.edu	Box: 357110
-----------------------------------	-----------------	---	-------------

EXPLANATION OF AND RATIONALE FOR PROPOSED CHANGE

For new program, please include any relevant supporting documentation such as student learning outcomes, projected enrollments, letters of support and departmental handouts. (Use additional pages if necessary).

Medical Technology is a professional undergraduate degree, which requires new graduates to take an exam in order to earn the proper certification credentials to become employable in the field of Laboratory Medicine. In October of 2009, the two agencies that administered certification exams; American Society for Clinical Pathology (ASCP) and the National Credentialing Agency (NCA) merged. The new agency is now called the ASCP Board of Certification (BOC). As a result of this merger, the titles Medical Technologist (MT) and Clinical Laboratory Scientist (CLS) have been replaced by the new title Medical Laboratory Scientist (MLS). Therefore, the faculty in the Department of Laboratory Medicine, are requesting this name change so that the degree awarded will be in line with the professional certification. Furthermore, improved standardization for laboratory personnel will bring greater name recognition and increased respect from the public and other healthcare professionals and in turn attract greater interest in the major throughout the University.

OTHER DEPARTMENTS AFFECTED

List all departments/units/ or co-accredited programs affected by your new program or changes to your existing program and acquire the signature of the chair/director of each department/unit listed. Attach additional page(s) if necessary. *See online instructions.

Department/Unit: N/A	Chair/Program Director:	Date:
Department/Unit: N/A	Chair/Program Director	Date:

CATALOG COPY

Catalog Copy as currently written. Include only sections/paragraphs that would be changed if your request is approved. Please cross out or otherwise highlight any deletions.

Please see attached – all changes are highlighted in yellow.

PROPOSED CATALOG COPY

Reflecting requested changes (Include exact wording as you wish it to be shown in the printed catalog. Please underline or otherwise highlight any additions. If needed, attach a separate, expanded version of the changes that might appear in department publications).
Please note: all copy will be edited to reflect uniform style in the General Catalog.

Please see attached. Anything highlighted in yellow that says medical technology, needs to be changed to medical laboratory science.

Anything highlighted in yellow that says medical technologist(s), needs to be changed to medical laboratory scientist(s).

APPROVALS

Chair/Program Director:



Date:

8.5.13

College/School/Campus Curriculum Committee:



Date:

8/8/13

Dean/Vice Chancellor:



Date:

Faculty Council on Academic Standards/ General Faculty Organization/Faculty Assembly Chair:



Date:

10/11/13

POST TRI-CAMPUS APPROVAL (when needed)

Faculty Council on Academic Standards/ General Faculty Organization/Faculty Assembly Chair:



Date:

22 Nov 2013

UW Home > Discover UW > Student Guide :

▷ Glossary ▷ UW Bothell Course Descriptions ▷ UW Tacoma Course Descriptions

Improved Course Catalog Search (Beta) Find just the class you want, when you want it.
Or, search course descriptions with Google Custom Search:

Search ✕

SCHOOL OF MEDICINE LABORATORY MEDICINE

Detailed course offerings (Time Schedule) are available for

- [Summer Quarter 2013](#)
- [Autumn Quarter 2013](#)

To see the detailed Instructor Class Description, click on the underlined instructor name following the course description.

LAB M 418 Introductory Clinical Chemistry (6) *Bankson*

Introduces the fundamentals of instrumentation and methodology in the clinical chemistry laboratory. Limited to Medical Technology students.

Instructor Course Description: [Daniel D Bankson](#)

LAB M 419 Clinical Coagulation (4) *Hansen-Suchy*

Lecture and laboratory coverage of the theory of the hemostatic system, to include tests used in the diagnosis/monitoring of patients with abnormal bleeding and/or thrombosis. Instrumentation as appropriate for testing included. Quality control and quality assurance discussed. Limited to medical technology students. Offered: A.

Instructor Course Description: [Cara Calvo](#)

LAB M 420 Laboratory Analysis of Urine and Body Fluids (3) *Hansen-Suchy*

Lecture and laboratory covering urinalysis testing procedures and associated disease entities. Analysis of other body fluids. Methods of microscopic examination by use of bright-field, phase, and polarizing microscopy. Limited to medical technology students. Offered: A.

Instructor Course Description: [Harvey S Schiller](#)

LAB M 421 Medical Microbiology (1/6, max. 6) *Abbott*

Lecture and laboratory coverage of human infections and diagnostic procedures used for isolation, identification, and antimicrobial susceptibility testing of the microorganisms associated with disease. Limited to medical technology students. Offered: S.

LAB M 423 Clinical Chemistry (*-, max. 24) *Bankson*

Clinical testing using automated and manual methods. Measurement of pancreatic function and

intestinal absorption, renal and liver function, enzymes, electrolytes, blood gases, lipids, toxicology, urinalysis, endocrinology, and immunology. Limited to medical technology students. Offered: AWSp. Instructor Course Description: Daniel D Bankson

LAB M 424 Clinical Microbiology (*-, max. 24) Abbott

Techniques used in the diagnostic microbiology laboratory, including quality control, specimen evaluation, identification of pathogenic microorganisms, and antimicrobial susceptibility testing. Limited to medical technology students. Offered: AWSp.

LAB M 425 Clinical Hematology (*-, max. 24) Hansen-Suchy

Clinical study of techniques used in the diagnostic evaluation of blood cells, including production, proliferation, survival, morphologic, and functional features. Assessment of proteins and cells important in hemostasis included. Quality control and quality assurance issues considered. Biomolecular techniques appropriate for evaluation of the hematologic and hemostatic systems discussed. Limited to medical technology students. Offered: AWSp.

LAB M 426 Clinical Immunohematology (1-7, max. 7) Daniel-Johnson

Lecture and laboratory covering theory of transfusion medicine and serological procedures used in the evaluation of cellular antigen systems. Principles of immunology and genetics included as appropriate for the techniques performed; screening of donor units to provide a safe product discussed. Quality control and quality assurance issues considered. Limited to medical technology students. Offered: SpS.

LAB M 427 Selected Studies in Laboratory Medicine (*-, max. 24)

Selected clinical study in the major scientific disciplines of laboratory medicine, to include molecular diagnostics, or pursuance of a clinical research study. Credit/no credit only. Limited to medical technology students. Offered: AWSpS.

LAB M 428 Clinical Biochemistry for Medical Laboratory Scientists (6)

Introduces medical applications and the clinically relevant aspects of biochemistry necessary for understanding biochemical diseases. Teaches the structures and human metabolism of proteins, carbohydrates, lipids, and nucleotides in health, along with their roles in disease processes. Stresses normal biochemical pathways and subsequent diseases when the pathways are disrupted or diverted. Offered: A.

Instructor Course Description: Daniel D Bankson

LAB M 429 Foundations of Medical Laboratory Science (5)

Covers the essential theories, concepts, and practices that define medical laboratory science as a distinctive profession within Laboratory Medicine and which circumscribe its scope of practice. Instructional areas comprise the pre-analytical, analytical, and post-analytical components of contemporary medical lab services. Offered: A.

LAB M 430 Medical Technology: Introductory Clinical Hematology (6)

Lecture and laboratory coverage of theoretical and practical aspects important in the evaluation of blood cells, to include their production, morphology, function, and associated pathology. Instrumentation used in testing included, as well as quality control and quality assurance issues. Limited to medical technology students. Prerequisite: LAB M 429. Offered: W.

LAB M 431 Clinical Immunohematology Rotation (7-)

Practicum emphasizing application of knowledge and skills to perform a wide variety of basic testing

group conferences concerning ongoing graduate students and postdoctoral research in immunology. Students may register for more than one conference each quarter. Credit/no credit only. Prerequisite: graduate standing in Immunology. Offered: AWSpS.

IMMUN 552 Research Conference in Principles of Antiviral Immunity (1, max. 30) Stetson Weekly group conferences concerning ongoing graduate students and postdoctoral research in immunology. Credit/no credit only. Prerequisite: Immunology graduate student; permission of instructor. Offered: AWSpS.

IMMUN 553 Research Conference in Recombination and Repair in B Cell Development (1, max. 30) Malzeis Weekly group conferences concerning ongoing graduate students and postdoctoral research in immunology. Students may register for more than one conference each quarter. Credit/no credit only. Prerequisite: graduate standing in Immunology. Offered: AWSpS.

IMMUN 554 Research Conference in Immunogenetic Aspects of Human Autoimmunity (1, max. 30) Nepom Weekly group conferences concerning ongoing graduate students and postdoctoral research in immunology. Students may register for more than one conference each quarter. Credit/no credit only. Prerequisite: graduate standing in Immunology. Offered: AWSpS.

IMMUN 555 Research Conference in Model of Autoimmune Disease and Their Regulation (1, max. 30) Goverman Weekly group conferences concerning ongoing graduate students and postdoctoral research in immunology. Students may register for more than one conference each quarter. Credit/no credit only. Prerequisite: graduate standing in Immunology. Offered: AWSpS.

IMMUN 556 Research in Conference in Regulation of Autoimmunity and Allergic Inflammation (1, max. 30) Ziegler Weekly group conferences concerning ongoing graduate student and postdoctoral research in immunology. Students may register for more than one conference each quarter. Credit/no credit only. Prerequisite: graduate standing in Immunology.

IMMUN 557 Research Conference in Thymic Environment (1, max. 30) Farr Weekly group conferences concerning ongoing graduate student and postdoctoral research in immunology. Students may register for more than one conference each quarter. Credit/no credit only. Prerequisite: graduate standing in Immunology. Offered: AWSpS.

IMMUN 558 Research Conference in Apoptosis and Autoimmunity (1, max. 30) Elkon Weekly group conferences concerning ongoing graduate student and postdoctoral research in immunology. Students may register for more than one conference each quarter. Credit/no credit only. Prerequisite: graduate standing in Immunology. Offered: AWSpS.

IMMUN 559 Cytokine Gene Regulation (1, max. 30) Bix Social, cognitive, behavioral, and contextual aspects of information systems, including human information behavior, interpersonal interaction, and social responses to information technology. Emphasis on human well-being and information exchange as a communicative event. Exposure to experimental and interview methodologies. Offered: AWSpS.

IMMUN 560 Research Conference in Progress in T Cell Research (1, max. 30) Bevan, Fink, Goverman, Kaja Weekly group conferences concerning ongoing graduate student and postdoctoral research in immunology. Students may register for more than one conference each quarter. Credit/no credit only. Prerequisite: graduate standing in Immunology. Offered: AWSpS.

IMMUN 561 Research Conference in Mechanisms of Peripheral Tolerance (1, max. 30) Fink Weekly group conferences concerning ongoing graduate student and postdoctoral research in immunology. Students may register for more than one conference each quarter. Credit/no credit only. Prerequisite: graduate standing in Immunology. Offered: AWSpS.

IMMUN 563 Research Conference in Macrophage Biology: Signaling and Phagocytosis (1, max. 30) Aderem Weekly group conferences concerning ongoing graduate student and postdoctoral research in immunology. Students may reg-

ister for more than one conference each quarter. Credit/no credit only. Prerequisite: graduate standing in Immunology. Offered: AWSpS.

IMMUN 564 Research Conference in Cellular/Molecular Regulation of T Cell Responses (1, max. 30) Greenberg Weekly group conferences concerning ongoing graduate student and postdoctoral research in immunology. Students may register for more than one conference each quarter. Credit/no credit only. Prerequisite: graduate standing in Immunology. Offered: AWSpS.

IMMUN 565 Research Conference in Innate Immune Defenses Against Virus Infection (1, max. 30) Gale Weekly group conferences concerning ongoing graduate students and postdoctoral research in immunology, with a major focus placed on understanding virus and host regulation of innate immune processes. Students may register for more than one conference each quarter. Credit/no credit only. Prerequisite: graduate standing in Immunology. Offered: AWSpS.

IMMUN 566 Research Conference in Role of Innate Mechanisms in Generation and Maintenance of Protective Immune Memory (1, max. 30) Kaja Weekly group conferences concerning ongoing graduate students and postdoctoral research in immunology. Students may register for more than one conference each quarter. Credit/no credit only. Prerequisite: graduate standing in Immunology. Offered: AWSpS.

IMMUN 568 Research Conference in Regulation of the Inflammatory Response of Myeloid Cells (1, max. 30) Hamerman Weekly group conferences concerning ongoing graduate students and postdoctoral research in immunology, with a major focus placed on understanding the regulation of the inflammatory response of myeloid cells. Students may register for more than one conference each quarter. Credit/no credit only. Prerequisite: graduate standing in Immunology. Offered: AWSpS.

IMMUN 571 Research Conference in Development and Activation of B Cells (1, max. 30) Rawlings Weekly group conferences concerning ongoing graduate student and postdoctoral research in immunology. Students may register for more than one conference each quarter. Credit/no credit only. Prerequisite: graduate standing in Immunology.

IMMUN 572 Research Conference in Signal Transduction in B-Cells (1 max. 30) Scharenberg Weekly group conferences concerning ongoing graduate student and postdoctoral research in immunology. Students may register for more than one conference each quarter. Credit/no credit only. Prerequisite: graduate standing in Immunology.

IMMUN 573 Immunology Seminar Series (1, max. 30) Weekly discussion in which original research results are presented and discussed. Emphasis is on new and original contributions to field of immunology and related areas; occasional seminars are concerned with review of important topics. Credit/no credit only. Prerequisite: graduate standing in Immunology; other graduate students with firm background in Immunology and permission of instructor.

IMMUN 574 Research Conference in Kaposi's Sarcoma-Associated Herpesvirus: Interactions with B-Cells and Endothelial Cells (1, max. 30) Lagunoff Weekly group conferences concerning ongoing graduate student and postdoctoral research in immunology. Students may register for more than one conference each quarter. Credit/no credit only. Prerequisite: graduate standing in Immunology. Offered:

IMMUN 575 Research Conference in Infection and Immunity (1, max. 30) Bevan Weekly group conferences concerning ongoing graduate student and postdoctoral research in immunology. Students may register for more than one conference each quarter. Credit/no credit only. Prerequisite: graduate standing in Immunology.

IMMUN 576 Research Conference in Transcriptional Regulation in the Immune System (1, max. 30) Weinmann Weekly group conferences concerning ongoing graduate student and postdoctoral research in immunology. Students may register for more than one conference each quarter. Credit/no credit only. Prerequisite: graduate standing in Immunology. Offered: AWSpS.

IMMUN 577 Research Conference in Lymphocyte Homing and Function (1, max. 30) Campbell Weekly group conferences concerning ongoing graduate student and postdoctoral research in immunology. Students may register for more than one conference each quarter. Credit/no credit only. Prerequisite: graduate standing in Immunology. Offered: AWSpS.

IMMUN 578 Research Conference in Immunology and the Pathogenesis of Tuberculosis (1, max. 30) Ramakrishnan Weekly group conferences concerning ongoing graduate student and postdoctoral research in immunology. Students may register for more than one conference each quarter. Credit/no credit only. Prerequisite: graduate standing in Immunology. Offered: AWSpS.

IMMUN 579 Research Conference in Costimulation and Autoimmune Disease (1, max. 30) Latchman Weekly group conferences concerning ongoing graduate student and postdoctoral research in immunology. Students may register for more than one conference each quarter. Credit/no credit only. Prerequisite: graduate standing in Immunology. Offered: AWSpS.

IMMUN 599 Introduction to Immunology Research (1-10, max. 40) Current problems in immunological research. Credit/no credit only. Prerequisite: graduate standing in Immunology. Offered: AWSpS.

IMMUN 600 Independent Study or Research (*) Credit/no credit only. Prerequisite: graduate standing in Immunology. Offered: AWSpS.

IMMUN 700 Master's Thesis (*) Credit/no credit only. Prerequisite: graduate standing in Immunology. Offered: AWSpS.

IMMUN 800 Doctoral Dissertation (*) Credit/no credit only. Prerequisite: graduate standing in Immunology. Offered: AWSpS.

Laboratory Medicine

DEPARTMENT OVERVIEW

NW 120, UW Medical Center

Medical technology, offered by the Department of Laboratory Medicine, is a profession of highly knowledgeable and skilled individuals who perform clinical laboratory tests on patient samples. This is a critical part of health care, as the results obtained by these laboratory tests are a vital tool for physicians in their diagnosis, treatment, and prevention of disease.

UNDERGRADUATE PROGRAM

Adviser

NW 120, UW Medical Center

206-598-6131

medtech@uw.edu

The Department of Laboratory Medicine offers the following program of study:

- Bachelor of Science in Medical Technology degree

Bachelor of Science

- *Pre-professional Phase.* During the first two years, students enroll as pre-majors in the College of Arts and Sciences, satisfying general education requirements as well as completing prerequisite courses.
- *Professional Phase.* The professional phase begins autumn quarter of the third year and continues for seven consecutive quarters at the UW School of Medicine. Courses in the first year of the professional phase provide students an appropriate theoretical background and basic technical skills that enable

them to function effectively in the clinical laboratory. The final year is offered in the clinical laboratories of the UW Medical Center and its principal affiliates. Students in the core clinical laboratories receive on-the-bench training in chemistry, hematology, immunohematology, and microbiology.

Suggested First- and Second-Year College Work: Completion of University writing, reasoning, and general education requirements. Electives, not required for admission or graduation, may include: CHEM 321, MICROM 301, GENET 351, GENET 371, B STR 301, PHIL 115, PHIL 241, CLAS 101, CLAS 205, PATH 410, UCONJ 420. Begin taking admission requirements, shown below.

Department Admission Requirements

- BIOL 118, BIOL 180, BIOL 200, BIOL 220; CHEM 142, CHEM 152, CHEM 162 (or CHEM 144, CHEM 154, CHEM 164); CHEM 223, CHEM 224 (or CHEM 237, CHEM 238, CHEM 239); MATH 124 or MATH 144 or STAT 220.
- Complete all general education requirements including 10 credits of Individuals & Societies, and 10 credits of Visual, Literary, & Performing Arts, as well as all required English and writing courses.
- Students admitted to the medical technology program must be exempt from or have successfully completed any required English as a Second Language (ESL) courses no later than August 31 of the application year or admission is cancelled.

Application Procedure: See program adviser for application form. Application deadline is February 15, to begin the following autumn quarter.

Major requirements

136–144 credits as follows:

- **Courses Required for Admission (44–47 credits):** See list above.
- **Didactic Courses (46–51 credits):** BIOC 405, BIOC 406; MICROM 441, MICROM 442, MICROM 443, MICROM 444, MICROM 445; LAB M 321, LAB M 322, LAB M 418, LAB M 419, LAB M 420, LAB M 421.
- **Clinical Rotations (46 credits):** LAB M 423, LAB M 424, LAB M 425, LAB M 426, LAB M 427.
- A minimum grade of 2.0 in all LAB M courses and a minimum GPA of 2.00, both cumulative and in required courses, are required for graduation.

Student Outcomes and Opportunities

- **Learning Objectives and Expected Outcomes:** Graduates of the medical technology program are expected to have in-depth knowledge of the relationships between laboratory data and pathologic processes, and how laboratory data relate to clinical medicine. They have experience with the performance and quality control of routine and specialized medical laboratory testing procedures and an understanding of the theoretical basis of these procedures. In addition, they have experience trouble-shooting and resolving typical problems in the clinical laboratory and are familiar with laboratory quality assurance, safety, governmental regulations, information systems, management, research design and practice, educational methodology, continuing education, communication, ethics, professionalism, and concepts and principles of laboratory operations. Successful medical technologists enjoy studying the biological, chemical, and physical sciences and find personal satisfaction and intellectual reward in applying scientific methods in the diagnosis and evaluation of disease. A medical technologist may practice as a generalist, using knowledge in several of the scientific areas, or may specialize in one scientific area in larger hospitals. Medical technologists may work in a variety of settings, including clinical laboratories in large medical centers, hospitals, and clinics. Others carry out re-

search in industrial, public health, and medical laboratories, or teach in hospitals, colleges, and universities.

- **Instructional and Research Facilities:** The major training sites are the University of Washington Medical Center and Harborview Medical Center. Affiliate hospitals include Seattle Children's, Labcorp Dynacare, Group Health Cooperative, MultiCare Health System, Northwest Hospital, Providence Everett Medical Center, Providence St. Peter Hospital, Veterans' Affairs Puget Sound Health Care System, Virginia Mason Medical Center, Evergreen Hospital Medical Center, and Highline Medical Center. The Puget Sound Blood Center is also affiliated with the University of Washington. These laboratories support patient care, and provide training and research in the major clinical divisions of chemistry, hematology, immunohematology (blood banking), and microbiology, including multiple subspecialties in these divisions. In addition, students can either receive training in a variety of clinical laboratory rotations designed to enrich their core clinical experiences or participate in research in collaborative projects supervised by faculty members in the Department of Laboratory Medicine. Enrichment rotations include subspecialty sections in chemistry, hematology, and/or microbiology; molecular diagnostics laboratories; and laboratories where multi-tasking skills are utilized.
- **Honors Options Available:** For Interdisciplinary Honors, see University Honors Program.
- **Internship Opportunities:** One or two internships per year in Japan available to graduates of the medical technology program.
- **Department Scholarships:** Several offered.
- **Student Organizations/Associations:** None currently active.

Of Special Note: The medical technology program is accredited by the National Accrediting Agency for Clinical Laboratory Sciences, 5600 N. River Road, Suite 720, Rosemont, IL 60018-5119, (847) 939-3597, (773) 714-8880, (773) 714-8886 (fax), info@naaccls.org, www.naaccls.org. Graduates are eligible for certification by the Board of Registry of the American Society for Clinical Pathology and by the National Credentialing Agency for Laboratory Personnel, Inc.

COURSE DESCRIPTIONS

See page 5 for an explanation of course numbers, symbols, and abbreviations. For complete undergraduate course descriptions, see the online course catalog at www.uw.edu/students/crcsocal/.

LAB M 321 Medical Technology: Introductory Clinical Hematology (6) Calvo Lecture and laboratory coverage of theoretical and practical aspects important in the evaluation of blood cells, to include their production, morphology, function, and associated pathology. Instrumentation used in testing included, as well as quality control and quality assurance issues. Limited to Medical Technology students. Offered: W.

LAB M 322 Medical Technology: Introductory Clinical Chemistry (5) Bankson Lecture and laboratory covering the theoretical and practical concepts associated with testing procedures performed in clinical chemistry. Limited to Medical Technology students. Offered: A.

LAB M 418 Topics in Clinical Chemistry (5) Bankson Continuation of LAB M 322. Lecture and laboratory exercises covering fundamentals of instrumentation and methodology in the clinical chemistry laboratory. Limited to Medical Technology students. Offered: Sp.

LAB M 419 Clinical Coagulation (4) Calvo Lecture and laboratory coverage of the theory of the hemostatic system, to include tests used in the diagnosis/monitoring of patients with abnormal bleeding and/or thrombosis. Instrumentation as appropriate for testing included. Quality control and quality assurance discussed. Limited to Medical Technology students. Offered: A.

LAB M 420 Laboratory Analysis of Urine and Body Fluids (3) Lampe Lecture and laboratory covering urinalysis testing procedures and associated disease entities. Analysis of other body fluids. Methods of microscopic examination by use of bright-field, phase, and polarizing microscopy. Limited to Medical Technology students. Offered: A.

LAB M 421 Medical Microbiology (1/6, max. 6) Lampe Lecture and laboratory coverage of human infections and diagnostic procedures used for isolation, identification, and antimicrobial susceptibility testing of the microorganisms associated with disease. Limited to Medical Technology students. Offered: S.

LAB M 423 Clinical Chemistry (*, max. 24) Bankson Clinical testing using automated and manual methods. Measurement of pancreatic function and intestinal absorption, renal and liver function, enzymes, electrolytes, blood gases, lipids, toxicology, urinalysis, endocrinology, and immunology. Limited to Medical Technology students. Offered: AWSp.

LAB M 424 Clinical Microbiology (*, max. 24) Lampe Techniques used in the diagnostic microbiology laboratory, including quality control, specimen evaluation, identification of pathogenic microorganisms, and antimicrobial susceptibility testing. Limited to Medical Technology students. Offered: AWSp.

LAB M 425 Clinical Hematology (*, max. 24) Calvo Clinical study of techniques used in the diagnostic evaluation of blood cells, including production, proliferation, survival, morphologic, and functional features. Assessment of proteins and cells important in hemostasis included. Quality control and quality assurance issues considered. Biomolecular techniques appropriate for evaluation of the hematologic and hemostatic systems discussed. Limited to Medical Technology students. Offered: AWSp.

LAB M 426 Clinical Immunohematology (1–7, max. 7) Nester Lecture and laboratory covering theory of transfusion medicine and serological procedures used in the evaluation of cellular antigen systems. Principles of immunology and genetics included as appropriate for the techniques performed; screening of donor units to provide a safe product discussed. Quality control and quality assurance issues considered. Limited to Medical Technology students. Offered: SpS.

LAB M 427 Selected Studies in Laboratory Medicine (*, max. 24) Lampe Selected clinical study in the major scientific disciplines of laboratory medicine, to include molecular diagnostics, or pursuance of a clinical research study. Credit/no credit only. Limited to Medical Technology students. Offered: AWSpS.

LAB M 499 Undergraduate Research (*) Specific project in clinical laboratory investigation. Offered: AWSpS.

LAB M 502 Laboratory Medicine Grand Rounds (1, max. 6) Greisman Grand rounds are concerned with current topics in the field of laboratory medicine. Credit/no credit only. Offered: AWSp.

LAB M 510 Laboratory Medicine Research Conference (1, max. 6) Tait Presentation and discussion of ongoing research and development projects by faculty, residents, fellows, and graduate students. Open to graduate students in laboratory medicine and other medical sciences. Credit/no credit only. Prerequisite: permission of instructor. Offered: AWSp.

LAB M 520 Seminar in Organization and Management in Laboratory Medicine (3) Chandler Core course for the Master of Science degree in laboratory medicine. Prerequisite: graduate student standing in laboratory medicine or permission of instructor. Offered: odd years; Sp.

LAB M 521 Advanced Laboratory Hematology (1, max. 6) Sabath Lectures on diagnostic clinical hematology with emphasis on clinicopathological correlation. For laboratory medicine graduate students with special interest in diagnostic clinical hematology. Prerequisite: graduate standing and permission of instructor. Offered: AWSp.

LAB M 522 Hematopathology Seminar (2) Wood Identification of normal lymphocyte and bone marrow subpopula-

[Your Tools](#)

6

Jennifer Payne (jap2) ▾ Help

GoPost

Undergraduate Curriculum Review Process for New Programs

[Home](#) [Manage](#) [Participants](#) [Profile \(jap2\)](#)

Seattle: renaming major from Medical Technology to Medical Laboratory Science (LABM-20130805)

Go to the thread profile

Page 1 of 1

uwcr

uwcr

From: Jennifer Payne

To: uwcr

Subject: Seattle: renaming major from Medical Technology to Medical Laboratory Science (LABM-20130805)

Please review the attached 1503 pdf requesting to rename the Bachelor of Science degree in Medical Technology to a Bachelor of Science degree in Medical Laboratory Science at the Seattle campus and post comments by 5:00 pm on Wednesday, November 6th.

If you have any problems viewing the attachment or need disability accommodations, please contact the University Curriculum Office at uwcr@uw.edu.

LABM-20130805.pdf

Download

View

Add to this conversation:

Font Name and Size

Font Style

Alignment

Paragraph Style

Inserting and Lists

Insert: Table

HTML

Spelling

Common formatting keyboard shortcuts:

- Control Shift B sets text to bold
- Control Shift I sets text to italic
- Control Shift U underlines text
- Control Shift L aligns text left
- Control Shift C aligns text center
- Control Shift R aligns text right
- Control Shift K adds an HTML link

To exit this text editor use the keyboard shortcut Control + Shift + ESC.

UNIVERSITY CAMPUSES UNDERGRADUATE PROGRAM REVIEW PROCEDURES**

CHECKLIST

Title of Proposal: Change name of major from Medical Technology to Medical
Laboratory Science

Proposed by (unit name): School of Medicine

Originating Campus:

☒ UW, Seattle

☐ UW, Bothell

☐ UW, Tacoma

I. Phase I. Developed Proposal Review (to be completed by Originating Campus' Academic Program Review body)

A. Review Completed by: (list name of program review body)

Chaired by:

10/11/13 Date proposal received by originating campus's review body

10/14/13 Date proposal sent to University Registrar

10/15/13 Date proposal posted & email sent to standard notification list

11/22/13 Date of originating campus's curriculum body approval

(Note: this date must be 15 business days or more following date of posting)

B. 0 Number of comments received. Attach the comments and a summary of the
consideration and responses thereof : (1-2 paragraphs)

II. Phase II. Final Proposal Review (to be completed by FCTCP)

A. Review Completed by:

☒ FCTCP subcommittee

☐ FCTCP full council

Chaired by: William Erdly

11/18/13 Date request for review received from University Registrar

01/22/14 Date of FCTCP report

B. Review (attached)

YES NO

- ☒ ☐ Was notice of proposal posted on UW Website for 15 business days?
☒ ☐ Was notice of proposal sent to standard mailing list 15 business days in advance of academic program review?
☒ ☐ Were comments received by academic program review body?
☒ ☐ Was response to comments appropriate? (explain, if necessary)
☐ ☒ Was final proposal reviewed by FCTCP within 14 days of receipt?

Delay during Finals/Holiday break.

- ☒ ☐ Was there adherence to the University Campuses Undergraduate Program Review Process? (explain, if necessary)

C. Recommendation

- ☒ Forward for final approval
☐ Forward to Provost because of University issues (Explain)
☐ Return to campus council because of insufficient review (Explain).

**Endorsed by Faculty Senate Executive Committee, 1/10/05, modified 1/31/06; These procedures apply to new undergraduate degrees, majors, minors (and certificates) and substantive changes to same