

Lower Division Department Requirements for the Clinical Laboratory Science Major:

OHSU/OIT Requirements	Qtr. Credit	PCC Course Equivalents	Qtr. Credit
CHEMISTRY – At least 24 quarter credit hours of lecture and laboratory experience selected from general chemistry, inorganic chemistry, biochemistry, organic chemistry, quantitative analysis, and physical chemistry.	24	CH 221, 222, 223 General Chemistry (<i>preferred</i>) or CH 104, 105, 106 General Chemistry Additional Chemistry courses to reach 24 credits, such as Organic Chemistry, CH 241, 242, 243	15 9 min.
BIOLOGICAL SCIENCES – At least 24 quarter credit hours of lecture and laboratory experience, which must include one course in microbiology/bacteriology, and immunology as either a separate course, or as a part of another biology class. Genetics, anatomy and physiology are highly recommended.	24	BI 211, 212, 213 Principles of Biology (<i>preferred</i>) or BI 101, 102, 103 General Biology BI 234 Microbiology Immunology Course* Additional Biology Courses to reach 24 credits Genetics, anatomy and physiology are highly recommended.	12-15 5
MATH – College Level Math	4-5	MTH 111 B/C College Algebra or higher	5
ENGLISH COMPOSITION	6	WR 121 & additional WR course	7-8
GROUP REQUIREMENTS – A minimum of 18 credit hours is required with at least 9 credit hours in Humanities and Social Science	18	Humanities: History of Art, Art Appreciation, History of Music, Music Appreciation, English (excluding composition), Linguistics, Philosophy, Speech, Theater Arts, Foreign Languages (excluding first year courses)	9
		Social Sciences: Anthropology, Economics, History, Political Science, Psychology, Religion, Sociology	9

*OHSU recommends *X110 Immunology* from Univ. of California (online) or other university course.
X110 Immunology, 3 semester units, from University of California, offered online: <http://learn.berkeley.edu>
PSU offers Immunology as BI 487, but there are significant biology prerequisites.

A student may enter the program with or without a bachelor's degree. Those students entering the program without a degree must have completed at least 103 transferable quarter units (including those listed above) at an accredited college, community college and/or university prior to matriculation.

7-Year Limitation: Individuals who have met admission requirements seven or more years prior to application to the CLS Program must complete additional academic work to qualify

NOTE: THIS IS A PRE-PROFESSIONAL, COMPETITIVE ADMISSION BACHELOR'S DEGREE PROGRAM. PLEASE SEE BACK OF PAGE FOR ADDITIONAL INFORMATION ABOUT APPLICATION FOR ADMISSION, GPA, AND OTHER REQUIREMENTS.

The courses listed above may be included in a PCC degree. Students should work with an Academic Advisor on a transfer plan. Students may elect to earn credits and transfer to a four-year institution without earning a PCC degree. Please meet with an Academic Advisor for an individualized plan of study.

Clinical Laboratory Science is a joint program offered by Oregon Institute of Technology on the campus of the Oregon Health & Science University

840 SW Gaines St, Portland, Oregon 97239-3098

Website: <http://www.oit.edu/portland/cls>

email: cls@ohsu.edu

phone: 503-494-8698 for an application or apply online

WHAT IS CLINICAL LABORATORY SCIENCE?

Clinical Laboratory Science, also called medical technology, is a profession that combines the challenges and rewards of medicine with laboratory science. Clinical laboratory scientists perform complex and varied laboratory analyses, and use critical thinking skills in determining the accuracy and validity of test results. They recognize the interdependency of testing information and possess the knowledge of physiologic and pathologic conditions affecting results in order to support medical decisions. In diverse health care settings, clinical laboratory scientists provide test results used by such practitioners as physicians, nurses, nurse practitioners, and physician assistants, in determining: the presence, extent, and causes of disease; monitoring therapy; and evaluating testing protocols to insure optimum and safe public health applications.

DEGREE OFFERED BACHELOR OF SCIENCE IN CLINICAL LABORATORY SCIENCE

The Clinical Laboratory Science/Medical Technology Program, established in 1933 is accredited by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS). In partnership with Oregon Health & Science University, OIT has Oregon's only Clinical Laboratory Science, Bachelor's degree.

Admission and Program Requirements

Applications for admission begin after June 1st and have a *priority* deadline of December 31st for the following fall quarter. Applications received after December 31st will be considered on a space-available basis. Each new class begins in the Fall term. **Class size is limited to 24-26 students and admission is competitive (3.0–3.5 gpa is expected, but no minimum is posted).** Admission is based on grades (extensiveness of academic preparation in the sciences), entrance essay, experience, job shadowing & knowledge of the field, and letters of recommendation.

A student may enter the program with or without a bachelor's degree. Those students entering the program without a degree must have completed at least 103 transferable quarter units at an accredited college, community college and/or university prior to entering the program in the fall, and be eligible for an OIT/OHSU bachelor's degree upon completion of the Clinical Laboratory Science Program.

CLINICAL LABORATORY SCIENCE CURRICULUM

The Clinical Laboratory Science Program provides undergraduate college instruction at the senior level. The structured 15-month program, which begins in early September, is busy and intense. The program includes 12 months of technical instruction and practical student laboratory experience, followed by a 3 month clinical laboratory internship conducted at an accredited clinical laboratory.

YOUR CAREER OPPORTUNITIES

Demand for clinical laboratory scientists is outstanding. Today there is a greater demand than supply of trained clinical laboratory scientists. Graduates have a wide choice of practice settings: hospitals, independent laboratories, clinics, public health facilities, forensic crime laboratories, sales and marketing of diagnostic instruments and reagents, federal and state regulatory agencies, and research and development of future clinical tests and instruments.

PCC endeavors to create accurate transfer guides for students; however, requirements may change without notice. Students are responsible for working with PCC advisors and their transfer institution to ensure that their academic plan will meet requirements and timelines.