



VERA Z. DWYER COLLEGE OF HEALTH SCIENCES

INDIANA UNIVERSITY SOUTH BEND

Dear Prospective Student:

Thank you for your interest in Indiana University South Bend. We're happy for this opportunity to introduce you to the Clinical Laboratory Science Program-Degree Completion pathway.

The Clinical Laboratory Science curriculum, which has been approved by the Indiana Commission of Higher Education (ICHE), leads to the


Bachelor of Science in Clinical Laboratory Science (BS-CLS)

The I.U. South Bend campus currently offers one baccalaureate degree. The **BS-CLS** is designed for those preparing to enter the profession with a four-year degree. Students who finish this degree will be prepared to sit for the American Society for Clinical Pathology (ASCP) certification exam, to become a nationally certified Medical Laboratory Scientist (MLS).

There are two pathways to admission within the BS-CLS program. Traditional, returning, and second degree seeking students are encouraged to enter the program under the pre-CLS degree heading and apply for program acceptance within their second (sophomore) or third academic year (junior year) using the *Traditional Pathway*, which acts in a cohort model and enrolls once per year. New students with a pre-existing MLT or equivalent degree are able to enroll in the program through the *Degree Completion Pathway*, which allows students to work at an independent pace and has rolling enrollment. However, all students regardless of major or degree status are eligible to apply based on meeting the below eligibility requirements.

Programs and curriculum are subject to change. Refer to the academic bulletin or consult with an advisor at the Advising Center in the College of Health Sciences (574-520-4571), NS 416.

Sincerely,



Ian C. Clift, PhD, MLS(ASCP)

Director, Division of Clinical Laboratory Science

CLINICAL LABORATORY SCIENCE ADMISSION PROCESS:

The Vera Z. Dwyer College of Health Sciences Division of Clinical Laboratory Science conducts a comprehensive review of each eligible application. We believe that prior work experience and associates degree completion in Medical Laboratory Science or related field are strong indicators of students success.

Several policies can directly affect you during the admission process or in the years ahead. Please read the policies listed below so that you have clear understanding of the admission requirements and the expectations of you as a clinical laboratory science student. This booklet is NOT a substitute for the IUSB Bulletin and IUSB College of Health Sciences Handbook.

If you have any questions concerning these policies, please contact a health sciences advisor before submitting your application.

Admission Requirements (Degree Completion Pathway)

For your application to be considered for BS-CLS admission, you must be able to meet the requirements listed below within the spring term prior to which you intend to begin your CLS coursework. Full Acceptance will be awarded to those who have all requirements completed at the time of the faculty review.

1. Successfully complete an associate's degree, of at least 60 credits, within a NAACLS accredited MLT or equivalent program. (See Addendum 1 for an example of Ivy Tech transfer credits)
2. Be admitted to Indiana University as a degree-seeking student prior to admission to the CLS program. Transfer students must submit official transcripts for all courses taken outside the IU system to the Office of Admissions. The Office of Admissions will evaluate the course work for possible transfer credit and will issue a Credit Transfer Report.
3. Successfully complete all developmental courses as determined by the IUSB placement exams. Developmental courses include: ENG- W 130, MATH-A 100, MATH-M 107, or EDUC-U 100.*
4. Students are required to achieve a minimum cumulative grade-point-average (cgpa) of 2.5 in all transferred courses.
5. Repeat fewer than 3 courses with a grade lower than C-, only 2 of which are science courses, as outlined in the college repeat policy.
6. Applicants must register for and submit to a criminal background history check (see advising for details) at their own expense upon application to CLS programs. This complies with state and federal regulations for individuals in clinical settings and working with patients and individuals who are vulnerable or minors. Applicant should also read the Criminal Information Sheet and submit a signed Criminal History Disclosure Form with this application for admission. Additional information regarding this process was given to you at the time you picked up this application.
7. Submit an application to the CLS program by the established deadlines.
8. Provide evidence of ASCP MLT certification or equivalent.

9. ESSAY REQUIREMENT

- a. In 250-300-words please describe how you have come to select clinical laboratory science as your chosen profession. When writing this essay, keep in mind the admissions (APG) Board expects to see evidence of your motivation for a CLS education, your understanding of the expectations of the CLS profession and demonstrated college-level writing. (This essay should be typed, 11 or 12 pt. font, 1 inch margins, double-spaced.)
10. Once acceptance decision is made (by August 1, 2017), sign and return an Acceptance of Offer of Admission by deadline stated in Acceptance letter.

ADMISSION SCORING

CLS admission decisions will be made based upon the following five (5) categories of scoring. They are:

Associates degree GPA	35%
Campus Enrollment Status	25%
Pre-existing MLT/laboratory certification	15%
Repeat factor	10%
Essay	10%

All of the above scoring categories are based upon a 4.0 scale.

ASSOCIATES DEGREE GPA - is the average of the sum of the course GPA listed on your associate's degree.

CAMPUS ENROLLMENT STATUS

Score	
4	Applicants from other IU campuses and consortium universities (including community colleges).
3	Applicants from other Community Colleges.

PRE-EXISTING MLT/LABORATORY CERTIFICATION

Prior completion of an associate's level MLT program or completion of other acceptable laboratory certification (from ASCP or related national organizations) will provide a significant weight to entry into the program.

Score	
4	Current MLT certification
3	Lapsed MLT certification

REPEAT FACTOR

Score	
4	No required General Education or Science course repeats.
3	One (1) required General Education course repeat.
2	One (1) Science course repeat. (This would include lecture and/or lab.)
1	More than one (1) Science and/or one (1) General Education course repeat.

ESSAY

Essay scores will be calculated into the overall score and then ranked for admission. Members of the Division of Clinical Laboratory Science Admissions Board score essays as follows:

Score	
4	Excellent
3	Good
2	Average
1	Poor

DEADLINES

Preferred application deadline is 5:00 p.m., May 1st, *of the year of enrollment*, however the Degree completion program application is accepted on a rolling basis. Either you may mail or hand-deliver the completed application. Do not ask someone else to deliver it for you. Applications received after this date will be so noted. Return this application to Shar Markham, Northside Hall - Secretary Station or Ian Clift, Northside 411.

It is required that you submit the application and any supporting documentation (transcripts, etc.) at the same time prior to the Application Deadline. Only completed Applications will be accepted, incomplete applications will be rejected (at the discretion of the Program Director).

NOTIFICATION OF ADMISSION STATUS

It is recommended that you obtain a copy of your Indiana University transcript and your current registration via your One.IU account when you complete this form. If you have difficulty completing the campus form, please meet with a DCHS Academic Advisor for assistance.

Applicants will be notified of their admission status by mail. An Acceptance of Admission (or Acceptance of Provisional Admission) form will accompany the acceptance letter, which is to be returned by the specified deadline. Notification of acceptance will be made no later than July 1, *year of enrollment*. All 3rd year fall courses will be verified for registration and checked for grades upon completion. These grades are not calculated into the application-grade-point-average. Those applicants accepted into the BS-CLS program will be expected to attend a mandatory orientation within the fall term. The date/times/location will be confirmed in your acceptance letter.

PROVISIONAL ADMISSION

Any offer of Provisional Admission is based upon the applicant's current cumulative grade point average, admission grade point average, incomplete or delayed application materials and courses completed. Failure to continue to meet all admission and application criteria and stated deadlines will result in revocation of the offer of Provisional Admission. Applicants who have received Provisional Admission and who continue to meet all admission and application criteria and stated deadlines will not receive additional confirmation of admission.

Direct your questions to Ian Clift, Clinical Laboratory Sciences Program Director (574-520-4187).

INDIANA UNIVERSITY SOUTH BEND

BACHELORS OF SCIENCE IN CLINICAL LABORATORY SCIENCE (BS-CLS) DEGREE COMPLETION PROGRAM

Coursework Completion Form:

1. 60 credits will be accepted from a NAACLS accredited Medical Laboratory Technician associates degree program or equivalent.
2. The following courses will be required to complete a total of 120 credits.
3. A total of 33 credits will be obtained at or above the 300 level.

BS-CLS Degree Completion General Education and Major Courses	# of Credits	Total Credits
Biomedical Sciences		31
CHEM-C105 Principles of Chemistry (Level IV on MP or HS Chem) (3 cr.)	3	
CHEM-C125 Experimental Chemistry (2 cr.)	2	
BIOL-L101 Introduction to Biology I (5 cr.)	5	
CHEM-C106 Principles of Chemistry II (P:CHEM-C105/125) (3 cr.)	3	
CHEM-C126 Experimental Chemistry II (2 cr.)	2	
BIOL-L102 Introduction to Biology II 9 (5 cr.)	5	
BIOL-L211 Molecular Biology (3 cr.)	3	
BIOL-L311 Genetics (P: BIOL-L211) OR BIOL-L321 Principles of Immunology (P: BIOL-L211) OR upper level CHS course (3 cr.)	3	
CHEM-C341 Organic Chemistry (P: CHEM-C106/126) (3 cr.)	3	
CHEM-C343 Organic Chemistry Lab (P: C106/126) (2 cr.)	2	
Fundamental Literacies (10 cr. Including those above)		10
HSC-H492 Research In Health Science (Critical Thinking) (3 cr.)	3	
INFO-I101 Introduction to Informatics (4 cr.) or (Computer literacy 3cr.and Information Literacy 1 cr.)	4	
HSC-H322 Epidemiology and Biostatistics (Quant. Reasoning) (3 cr.)	3	
Clinical Laboratory Science		19
CLS-M413 Advanced Clinical Microbiology (3 cr.)	3	
CLS-C417 Advanced Hematology and Cancer (3 cr.)	3	
CLS-C415 Advanced Clinical Chemistry (3 cr.)	3	
CLS-I417 Advanced Immunology, Immunoematology and Autoimmune Disease (3 cr.)	3	
CLS-M250 Clinical Laboratory Management, Ethics and Policy	3	
CLS-E406 Supplemental Externship (if needed) or CLS alternative	4	
Total credits		60

* Unless considered satisfactorily completed , then four additional courses from the CLS curriculum will be required

Addendum 1: Curriculum Transfer Credit Guidance

Ivy Tech Community College Courses	Credits	Indiana University South Bend Transfer Equivalent	Credits
MEDL 101 Fundamentals of Laboratory Techniques	3	HSCLS- L301 Introduction to the Diagnostic Laboratory	3
ENG 111 English Composition	3	ENGL-W131 Elementary Composition 1	3
COM 101 Fundamentals of Public Speaking	3	SPCH-S121 Public Speaking	3
COM 102 Introduction to interpersonal Communication	3	Select from approved Vis. Lit. Classes	3
MATH 123 Quantitative Reasoning or Higher	3	MATH-M125 Pre-calculus Mathematics	3
HLHS 105 Medical Law and Ethics	3	HSC-H492 Research in Health Science (or Critical thinking)	3
BIO 201 General Microbiology I (4 credits)	4	MICR-M250 Microbial Cell Biology	3
ANP 101 Anatomy and Physiology I; ANP 102 Anatomy and Physiology II	3 3	P261 Elementary Human Anatomy and Physiology I (4cr.) P262 Elementary Human Anatomy and Physiology II (4cr.)	6
MEDL 201/202 Immunology Techniques/ Immunoematology Techniques	6	CLS-I407 Clinical Immunology and Blood Banking/ CLS-I408 Serologic Methods	5
MEDL 207/227 Chemistry Techniques I/ Chemistry Techniques II	5	CLS-C405 Clinical Chemistry/ CLS-C406 Chemistry Methods	5
MEDL 205/206 Hematology Techniques I/ Hematology Techniques II	6	CLS-C407 Hematology/ CLS-C408 Hematologic Methods	5
MEDL 222 Microbiology Techniques	3	CLS-M403 Clinical Microbiology/ CLS-M404 Microbiological Methods	5
MEDL 209 Routine Analysis	2	CLS-U420 Urinalysis	3
MEDL Application courses	5	CLS-E401/402 General Externship I and II	5
MEDL Application courses	5	CLS-E403/405 General Externship III and IV	5
Total credits	60	Total credits	60

INDIANA UNIVERSITY SOUTH BEND
APPLICATION FOR ADMISSION
BACHELORS OF SCIENCE IN CLINICAL LABORATORY SCIENCE (BS-CLS) PROGRAM

<u>Rolling Admissions</u>	
Completed application should be sent to:	Indiana University South Bend Clinical Laboratory Science Program Application c/o DCHS Advising Center 1700 Mishawaka Avenue South Bend, IN 46634-7111

Note: Applications will be date stamped upon receipt.

Step 1: Identification and Contact Information

NAME:			
	<small>LAST</small>	<small>FIRST</small>	<small>MIDDLE INITIAL</small>

In order to identify transcripts and/or other supporting documents, please list any other name(s) by which you have been known: ex: maiden name

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STUDENT IDENTIFICATION NUMBER:

CAMPUS/CURRENT ADDRESS:			
	<small>STREET</small>	<small>APT #</small>	
	<small>CITY</small>	<small>STATE</small>	<small>ZIP CODE</small>
	<small>COUNTY</small>	<small>YEARS AT THIS ADDRESS*</small>	
	<small>HOMEPHONE</small>	<small>Cell or Work PHONE</small>	

MAILING ADDRESS:			
	<small>STREET</small>	<small>APT #</small>	
	<small>CITY</small>	<small>STATE</small>	<small>ZIP CODE</small>
	<small>COUNTY</small>		
	<small>HOMEPHONE</small>	<small>Cell or WORK PHONE</small>	

IU EMAIL:

Step 2: Optional Information

DATE OF BIRTH:					GENDER:	Female	Male
	<small>MONTH</small>	<small>DAY</small>	<small>YEAR</small>				

HIGH SCHOOL	GRAD			
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ATTENDED:	DATE:			
		MONTH	DAY	YEAR

Step 3: Campus Information and Preference

A.	List the IU campus or college/university that you currently attend:	
B.	List all colleges and universities that you have previously attended below:	

Please note that each campus checks with other campuses regarding ranking of applications.

Step 4: Admission Decisions and Final Notification

Admission decisions are not usually made before June 1. If you will not be at your mailing address, please provide an address and phone number where you can be contacted.

STREET	APT#	CITY	STATE	ZIP CODE	PHONENUMBER

Step 5: Completion of Criminal Background Check

Please read the statements below and check all those that apply.

Criminal History background checks are required of all applicants prior to admission into the CLS program. This policy is in compliance with state and federal regulations for individuals working with patients in the clinical setting, minors or vulnerable populations. Licensure is also contingent upon the absence of most felony and some misdemeanor charges.

I have received and read the Criminal History Information Sheet and have registered and submitted to a criminal background history check with **Backgroundchecks.com** at my expense.

I have read and signed the **CRIMINAL HISTORY DISCLOSURE STATEMENT FORM**.

Step 6: Policy Compliance and Signature

I have received and read the *Application Guidelines* distributed with this application. Additionally I have read and understand the policies below that were included in the *Application Guidelines*.

Step 7: Health Insurance Documentation

IU Policy requires students to have health insurance coverage prior to participation in our clinical programs. A photocopy of your current health insurance card is required.

I certify all of the information provided on this application is true and accurate. I understand that I must meet all of the admission requirements and deadlines in order to be considered for admission. I also understand that any offer of provisional admission will become void if I fail to continue to meet all admission requirements.

Signature:		Date:	
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Before you submit your application, check to see that you have:

Completed Steps 1 through 7 and provided all the necessary information including required essay.

Attached transcripts from high school and other colleges/universities not yet received and evaluated by IU South Bend Admissions, specifically include a transcript from your MLT program. Official transcripts should also be sent to IU South Bend Admissions for evaluation and posting of credits.

Signed the bottom of your application.

Returned your completed application by the published deadline.

Receipt of Completed BS-CLS Application

Student Name:

If hand delivering this application to an IU South Bend Dwyer College of Health Sciences Advising Center Representative they will indicate campus, forms received, sign below and return this page to the student. This will serve as verification of receipt of application. If this application is mailed, we will email confirmation that we are in receipt of your completed application.

Campus where application received:

South Bend

Forms returned:

Application

High school transcript or General Equivalency Degree (only if required)

Transcripts from all previously attended colleges and/or universities.

(If not in permanent Indiana University file)

Essay

Criminal History Disclosure PDF. Form. If you have an offense that is reported we will require a copy of the complete report.

Note: you must print your form and return with your completed application.

Pre-requisite Course Completion Form

Copy of valid Health Insurance card

Student Services Official		Date Received:	
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