2022-2023 CATALOG

THE CATALOG IS SUBJECT TO CHANGES APPROVED BY THE LARKIN UNIVERSITY BOARD OF TRUSTEES. NOTIFICATION MUST BE GIVEN TO ALL STUDENTS WITH A NEW COPY OF THE CATALOG.

Revised 7/1/2022
Revised 12/8/2022

Larkin University is a nonprofit institution directed by a Board of Trustees and is registered with the Florida Department of State to do business as Larkin University.

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Inquiries, Applications and Credentials:

Larkin University

18301 North Miami Avenue Miami, FL 33169

General Number (305) 760-7500

Web address: www.Ularkin.org

Accreditation (Southern Association of Colleges and Schools Commission on College – SACS-COC)
Larkin University is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award masters and doctoral degrees. Questions about the status of Larkin University may be directed in writing to the Southern Association of Colleges and Schools Commission on Colleges at 1866 Southern Lane, Decatur, GA 30033-4097, by calling (404) 679-4500, or by using information available on SACSCOC's website (www.sacscoc.org).

The University is licensed by the Florida Department of Education Commission for Independent Education, License # 5133. Additional information regarding this institution may be obtained by contacting the Commission at 325 West Gaines Street, Suite 1414, Tallahassee, Florida 32399-0400, or toll-free telephone number (888)224-6684.

Disclosures:

College of Biomedical Sciences

The Master of Biomedical Sciences at Larkin University does have accreditation through LU's institutional accreditation with SACS-COC. Credits earned at Larkin University are transferable to other institutions or universities. Please be advised that most medical or dental schools do not accept Master level graduate courses as transferable credits into health professions school curriculum. However, they may be used to demonstrate completion of admission requirements.

College of Pharmacy

Larkin University College of Pharmacy's Doctor of Pharmacy program has been granted Candidate status by the Accreditation Council for Pharmacy Education, 190 S. LaSalle Street, Suite 2850 Chicago, Illinois 60603-3499, Phone: (312) 664-3575, Fax: (866) 228-2631, web site www.acpe-accredit.org.

With respect to clarification of the meaning of Candidate status, graduates of a program so designed would, in the opinion of ACPE, have the same rights and privileges of those graduates from a fully accredited program. The Candidate status denotes a developmental program that is expected to mature in accord with stated plans within a defined time period. It should be underscored, however, that decisions concerning eligibility for licensure by examination or reciprocity reside with the respective state boards of pharmacy in accordance with their state statutes and administrative rules. Should Candidate status be awarded to a program, ACPE would, however, make its position known and make recommendations consistent with that position.

Notices

Larkin University does not discriminate in the admission or progression policies of students, scholarship and loan programs, or other activities administered by the university on the basis of race, religion, national or ethnic origin, gender identity or expression, sexual orientation, marital status, non-disqualifying disability, age or military or veteran status. We are committed to providing a diverse and inclusive environment for students, faculty, staff, and others in the Larkin community.

Larkin University considers applicants that are US citizens or Immigrants holding a valid Permanent Resident/Resident Alien (green) card effective for the year of matriculation. A Nonimmigrant may be considered if the visa is both valid and falls within a category permitted to study in the United States. If admitted, the Non-immigrant visa status must be maintained throughout enrollment at Larkin University.

Larkin University reserves the right to change requirements or fees at any time during the student's period of study. Larkin University will notify students of any changes made at the University, including but not limited, to changes in requirements or fees, at any time during the student's period of study through written communication.

Larkin University also reserves the right to dismiss, suspend or impose probation on any student who does not conduct academic affairs with honesty and integrity. Students who are suspected of cheating, plagiarism, falsification of records or otherwise misrepresent themselves and/or their work will be subject to procedural due process. Each College within Larkin University provides more detailed information in this catalog. The information in this catalog supersedes all previous regulations, including tuition and fees previously published.

President's Message

Dear Students:

Welcome to Larkin University, one of Florida's newest private not-for-profit university focusing on master's and doctoral level programs in health professions to empower diverse graduates to who reflect the demographics of the healthcare needs of the communities we serve. Founded in 2013, we just celebrated this year our **9th anniversary**!

Thanks to the vision, dynamics and the passion of the people involved, the small Larkin Health Sciences Institute was growing since then into what is now **Larkin University**: a rising university not only licensed by the State of Florida, but since 2022 also fully institutional accredited by the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC), which is the body for the accreditation of degree-granting higher education institutions in the Southern states.

In a stimulating multicultural, multiethnic environment shaped to the needs of a diverse global society, delivering innovative education in a dynamic learning environment that incorporates the latest technologies, evidence based-science, and dedicated faculty who truly care about the students and their roles in the future health care system and related industries, including education. Our two colleges, the **College of Biomedical Sciences** and the **College of Pharmacy** give you the Larkin academic experience and continue to improve in both breadth and quality to support your academic growth and prepare you for your future career in health sciences. Our Doctor Pharmacy program this year made major steps to receive full programmatic accreditation with the American Council on Pharmaceutical Education (ACPE), while the College of Biomedical Sciences can offer more and more opportunities for their graduates. I am convinced that Larkin University in the close future will be one of the leading medical universities in South Florida, strong in research, excellent in education!

We here at Larkin are proud what we have achieved so far, and as you examine this catalog and become aware of the high-standing and quality of our programs and courses offered, you will recognize the remarkable opportunity you are facing. If you are a new student, I welcome you to our growing community and wish you success in your studies, professional and personal growth, and enrichment through your experiences at Larkin University. If you are considering enrollment, I encourage and invite you to come and learn more about the mission, vision, and values of our university.

My best wishes for your academic success in the academic year 2022/2023 at Larkin University!

Rudi H. Ettrich, RNDr. MSc. PhD.
President & Chief Executive Officer

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General Information

History

Larkin University was founded as Larkin Health Sciences Institute (LHSI) in August of 2013 with the official filing of the Bylaws and first Board of Directors with the State of Florida, as well as the application for 501c3 nonprofit status with the US Internal Revenue Service. In the establishment of LHSI, the vision of the Founder, Dr. Jack Michel was to create a health sciences university devoted to interprofessional education, serving the education needs of underrepresented minorities of South Florida, and helping to fill the gap in the shortage of highly trained health care experts locally and nationally.

Shortly after founding Larkin Health Sciences Institute, The College of Biomedical Sciences sought and received approval from the Florida Department of Education's Commission for Independent Education (CIE) to offer the first degree from LHSI, the Master's in Biomedical Sciences. The College has since graduated over 50 alumni of that program. In 2015, the State of Florida approved the Doctor of Pharmacy Program.

Simultaneous with the founding of the College of Biomedical Sciences, was the beginning of a two-year process to begin the College of Pharmacy programmatic accreditation with the Accreditation Council for Pharmacy Education (ACPE). The first step in the process is to request a site visit for Pre-Candidate Status. Pre-Candidate status allowed the College of Pharmacy to enroll their first cohort into the Doctor of Pharmacy Program. Pre-Candidate status was awarded in July 2016, leading to the matriculation of the first class of student pharmacists in August 2016. The College of Pharmacy was awarded Candidate Status in July 2017, which allows all students graduating with a Doctor of Pharmacy Degree to apply for licensure as a pharmacist with any Board of Pharmacy in the United States or US Territory. The first class of pharmacy students graduated in May 2019 and the application to ACPE for Full Accreditation Status will be in review in Spring 2022.

In March 2017, the State of Florida approved the name change from Larkin Health Sciences Institute to Larkin University in recognition of its commitment to graduate education.

Purpose

Larkin University is organized for the purpose of operating as a scientific, charitable, and educational not for profit organization which provides the following services:

1. To provide licensed educational programs including but not limited to the areas of health sciences, specifically in the areas of pharmacy, osteopathy, nursing, biomedical science, and dentistry.
2. To advance the health and well-being of the people of South Florida through pioneering advances in education, research, and health care delivery.
3. To do any and all lawful activities which may be necessary, useful, or desirable for the furtherance, accomplishment, fostering, or attaining of the foregoing purposes, either directly or indirectly, and either alone or in conjunction or cooperation with others, whether such others be persons or organizations of any kind or nature, such as corporations, firms, associations, trusts, institutions, foundations, or governmental entities.

Mission

Larkin University is a private non-profit higher education institution focusing on master's and doctoral level programs in health professions to empower diverse graduates who reflect the demographics of the healthcare needs of the communities we serve.

Vision

To become a nationally and internationally recognized university through its educational programs, research and scholarly activity, and development of solutions that promote the common good of health and society.

Core Values

Larkin University is committed to:

*Accountability

*Community Service

*Diversity

*Excellence

*Integrity

*Research

*Social Justice

Admissions

Anyone wishing to pursue studies at Larkin University must complete an application to the desired College. Specific application requirements are available for each individual program in the appropriate section of the Catalog.

All documents submitted to support admission to Larkin University become property of the University and cannot be returned or photocopied. Any misrepresentation or concealment of previous registration or coursework, academic or disciplinary record, both in undergraduate or graduate programs may immediately cancel and nullify the application or admission to Larkin University. Students should refer to the program specific information for any policies and procedures or program requirements for the duration of the program of study. At this time, Larkin University does not accept credit for work experience, or credit by examination to me course requirements in degree granting programs.

International Applications—Certification of Eligibility (Form 1-20A)

At this time, Larkin University is not eligible to issue an I-20 to international students. Larkin University is not currently eligible to issue I-20 for international students.

Financial Services

Financial Student Aid

Private Education Loans

At Larkin University (LU) our Office of Student Financial Services is designed to provide financial assistance to students who need financial support in order to continue working toward their educational goals. LU works closely with all students in order to make the cost of education affordable. At this time, LU does not offer Federal Student Aid; however, private student loans and scholarships are the primary sources for funding your education.

Students at LU typically secure funds from a variety of sources to finance their education. Sources include loans and scholarship awards. Graduate/doctoral students may also participate in tuition reimbursement plans if offered through their place of employment. A graduate/doctoral student at LU may receive a financial assistance combining aid from more than one of these sources. Aid from all sources may not exceed the cost of education.

General Eligibility for Financial Assistance

To be considered for Financial Assistance, a student must:

- Be accepted and enrolled at least half time each semester.
- Maintain satisfactory academic progress (SAP) as determined by the school.
- Apply within designated deadlines.

How to Apply for Financial Assistance

Scholarship Awards

The Office of Student Financial Services has compiled a list of scholarship resources that are offered outside of LU. You can find a full list of scholarships on our website. Browse each link to determine eligibility requirements and application deadlines. Students can conduct additional scholarship search on their own. If a student is awarded a scholarship, it is the student's responsibility to provide the Office of Student Financial Services the necessary information to be awarded accordingly.

Private Student Loans

LU offers Private Student Loans through various lenders. Private Student Loans are applied for on an annual basis, at the beginning of the academic year. Private Student Loans are based on the creditworthiness of the borrower. You can increase your chances of getting approved and receiving a lower interest rate by applying with a credit worthy co-borrower. Repayment begins after graduation or after a student falls below less than half time or student's last date of attendance, whichever comes first. Private Student Loan interest rates different for all lender, depending on the borrower's credit history.

Please visit our website for a current list of lenders working with LU.

Understanding your rights and responsibilities is extremely important when considering Private Student Loans. Choose the loan that is most suitable for you by considering each lender's terms and conditions. Borrow only what is needed and what you can reasonably repay. The loan amount cannot exceed the cost of attendance (COA).

Cost of Attendance

The Office of Student Financial Services established a standard allowance for your direct and indirect expenses. The direct expenses are tuition and fee charges to the student's account made by the institution. Included in the Cost of Attendance (COA) budget are expenses indirectly related to your education, such as an estimate for housing, food/household supplies, transportation and personal miscellaneous expenses. In keeping with common practice among financial aid administrators, the cost for indirect expenses intends to provide a "modest but adequate" standard of living. It is our recommendation that students borrow only what is needed and what he/she reasonably repay.

College of Biomedical Sciences Cost of Attendance

Tuition and Fees

	Tuition & Fees	**Miscellaneous Costs	Total Fall/Sp/Sum COA
Fall 2022 – *Tuition $9,240* *(12 credits @ $770 per credit)* **Mandatory Fees $1,500*	$10,740	$8,200	$18,940
Spring (Sp) 2023	$7,700	$8,200	$15,900
Summer (Sum) 2023	$8,470	$8,200	$16,670
Total	**$26,910.00**	**$24,600.00**	**$51,510.00**

***Mandatory Fees**	
Library & Technology Fee	$ 900.00
Clinical Application Fee	$ 350.00
Gradation Fee	$ 250.00
Total Fees	**$ 1,500.00**

****All mandatory fees due in the first semester of enrollment***

***Costs indirectly related to your education, such as an estimate for housing, food/household supplies, textbooks, resources, transportation, and personal miscellaneous expense*

College of Pharmacy Cost of Attendance

Tuition and Fees

First Year Students (P1) Class of 2025

	Tuition & Fees	**Miscellaneous Costs	Total Fall/Sp/Sum COA
Fall 2022 – *Tuition $18,561* **Mandatory Fees $4,440*	$23,001.00	$11,420.00	$34,421.00
Spring (Sp) 2023	$18,561.00	$11,420.00	$29,981.00
Summer (Sum) 2023	$9,280.00	$5,710.00	$14,990.00

Total	**$50,842.00**	**$28,550.00**	**$79,392.00**
***Mandatory Fees**			
Technology Fee	$2,050.00		
Computer & Software Licensing-(*Year 1 only)*	$1,400.00		
Course & Lab Fees	$ 265.00		
PCOA Fee	$ 75.00		
Student Activity Fee	$ 200.00		
Student Government Fee	$ 200.00		
Professional Liability Fee	$ 100.00		
Student Services Fee	$ 100.00		
IPPE Fee	$ 50.00		
Total Fees	**$ 4,440.00**		

All mandatory fees due in the Fall 2022

***Costs indirectly related to your education, such as an estimate for housing, food/household supplies, textbooks, resources, transportation, and personal miscellaneous expense*

Second Year Students (P2) Class of 2024

	Tuition & Fees	****Miscellaneous Costs**	**Total Fall/Sp/Sum COA**
Fall 2022 – *Tuition $23,201* **Mandatory Fees: $2,771*	$25,972.00	$11,420.00	$34,421.00
Spring (Sp) 2023	$23,201.00	$11,420.00	$29,981.00
Total	**$49,173.00**	**$28,550.00**	**$79,392.00**
***Mandatory Fees**			
Technology Fee	$2,050.00		
Course Fees	$121.00		
Student Activity Fee	$200.00		
Student Government Fee	$ 200.00		
Professional Liability Fee	$ 100.00		
Student Services Fee	$ 100.00		
Total Fees	**$ 4,440.00**		

All mandatory fees due in the Fall 2022

***Costs indirectly related to your education, such as an estimate for housing, food/household supplies, textbooks, resources, transportation, and personal miscellaneous expense*

Third Year Students (P3) Class of 2023

	Tuition & Fees	**Miscellaneous Costs	Total Fall/Sp/Sum COA
Summer(Sum) 2022 – *Tuition $9,280* **Mandatory Fees $2,685*	$11,965.00	$5,710.00	$34,421.00
Fall 2022	$18,561.00	$11,420.00	$29,981.00
Spring(Sp) 2023	$18,561.00	$11,420.00	$14,990.00
Total	**$49,087.00**	**$28,550.00**	**$79,392.00**

***Mandatory Fees**	
Technology Fee	$ 900.00
APPE Fee	$ 50.00
Graduation Fee	$ 600.00
Course Fees-NAPLEX Prep & SLPI	$ 760.00
Student Government Fee	$ 150.00
Professional Liability Fee	$ 100.00
Student Services Fee	$ 25.00
Total Fees	**$ 4,440.00**

All mandatory fees due in the Fall 2021

***Costs indirectly related to your education, such as an estimate for housing, food/household supplies, textbooks, resources, transportation, and personal miscellaneous expense*

How to Borrow Wisely

- Look into alternate methods of financing (e.g. scholarships, employee tuition reimbursement, savings, family, etc.). Carefully compare repayment incentives.
- Repay debts as soon as possible; the longer you owe, the more you will pay.
- To help secure your financial future, stay in touch with your lender.
- Borrow as little as possible. ONLY borrow what you need.

Renewal of Awards

Financial Aid awards are not automatically renewed. A student must reapply each year.

Satisfactory Academic Progress (SAP)

A student applying for Financial Assistance must maintain Satisfactory Academic Progress as determined by the University. For more details, please click on the link below.

View our Standards of Academic Progress policy (SAP)
https://ularkin.policystat.com/policy/12336961/latest/#autoid-p4x9x

Withdrawal

The awarded funds are intended to help meet educational expenses while enrolled. If you withdraw, drop below half-time, change enrollment status or leave without notice in any given enrollment period, your financial award may be reduced or canceled, and you may be required to return a portion of the financial assistance. You should consult with the Office of Student Financial Services prior to withdrawing to avoid an unnecessary financial hardship.

Return to Title IV Policy (R2T4)

Title IV funds are awarded to students under the assumption that the student will attend school for the entire period for which the aid is awarded. When a student withdraws, the student may no longer be eligible for the full amount of title IV funds that the student received or was scheduled to receive. When the student withdraws from all classes, after beginning attendance, a return to Title IV calculation is completed.

If the amount disbursed to the student is greater than the amount the student earned, the unearned funds must be returned. If the amount disbursed to the student is less than the amount the student earned, and for which the student is otherwise eligible, then the student is eligible for a post-withdrawal disbursement of the earned aid that was not received.

Earned and unearned portions of Title IV aid are determined by the date the student ceased attendance based on the amount of time the student attended or was scheduled to attend if a clock hour program. A pro rata schedule is used to determine the amount of Title IV funds the student has earned at the time of withdrawal up through the 60% point in the payment period or period of enrollment. After, the 60% point, the student has earned 100% of the Title IV funds that the student was schedule do receive during the period. The institutional refund policy has no impact on the R2T4 calculation.

An R2T4 is completed by the FA department when a student withdraws either as an official withdrawal or an unofficial withdrawal. If the student comes to the college to withdrawal, they meet in person with the financial aid officer who provides information regarding the student grace period, loan repayment beginning date and amount, as well as consequences of withdrawing both financially and academically.

The student earns Title IV aid equal to the amount of attendance in a payment period (PP) or period of enrollment. The percentage of aid earned is equal to the percentage of the PP completed up to 60%. If the percentage of the PP completed is greater than 60% then the student earns 100% of the Title IV aid in the PP.

All refunds are made within 45 days and refunds are made in the following order:

- Unsubsidized Federal Direct Loan
- Subsidized Federal Direct Loan
- Graduate Federal PLUS Loan
- Federal Direct PLUS Loan

Student Responsibilities

- Students are responsible for supplying complete, accurate, and current information in an application for financial assistance.
- Students are responsible for monitoring their credit report and maintaining a healthy credit history.
- Students have the responsibility of providing all additional documentation, corrections, and/or new information requested by the Office of Student Financial Services.
- Students are expected to read, understand, and keep copies of all forms they are asked to sign.
- Students have the responsibility of planning for moderate spending.
- Once financial assistance is accepted, students are responsible for notifying the Office of Student Financial Services if they:
    1. Receive a loan, scholarship, work or other additional aid.
    2. Change their attendance status (e.g. half-time, three-quarter time, or full-time).
    3. Withdraw from the institution.
- Students are responsible for using student funds awarded to them for educationally related expenses only.
- It is the students' responsibility to know and comply with the deadlines for application or reapplication for assistance.
- Be aware of and comply with rules governing the funding you received including enrollment requirements and satisfactory academic progress.
- Financial assistance is awarded by semester for periods up to one academic year.
- Complete the Loan Exit Interview prior to graduation or separation from school. Students are responsible for understanding the conditions and repayment terms of all their loans.
- Pay any tuition, fees, room, board or other expenses not covered by financial services.

Tuition Management

University Payment Agreement

The student will complete an enrollment agreement upon acceptance to Larkin University outlining the tuition and fees, method of payment, cancellation and refund policy, refund from dropping individual courses (when applicable) or registration, refund schedule, grounds for termination, and graduation requirements.

Any student that defaults on the agreed method of payment and payment schedule is immediately responsible for the entire balance. Delinquency in payment may result in assignment to a collection agency, an attorney, or both. The student agrees to waive demand, notice of non-payment, and protest. The student is required to pay the full balance plus any late payment fees, collection agency fees, attorney's fees (including a reasonable hourly attorney's fee for time spent by a for-hire or in-house attorney), court costs, and all other charges associated with the collection of this debt. Any student who defaults on the debt authorizes Larkin University to disclose any relevant information to a credit bureau organization and collection agencies. The student also authorizes Larkin University to contact a student's employer.

Statement of Responsibility

In consideration of acceptance for enrollment at Larkin University, the student and/or guarantor guarantee the payment of all costs for tuition, fees, and all other financial obligations incurred while in attendance at the school. Payment for all programs begins on the first day of matriculation into a program and must be completed at the time the degree is awarded. In addition, all financial obligations to the school must be met as a condition of graduation and participation in commencement ceremonies.

At Larkin University, the purpose of the Director of Student Financial Services is to act in partnership with students to provide the necessary guidance in financial planning related to enrollment. Students are encouraged to contact the Director of Student Financial Services for information and assistance.

The following terms and conditions are financial requirements of your education related to registration:

Once you formally register for classes, you assume the responsibility for understanding Larkin University official policies concerning schedule changes, satisfactory academic progress and the financial policies of the University as described in the catalog.

Registration constitutes a financial agreement between you and the school. Tuition, fees and other charges you incur, including but not limited to health insurance ("Charges"), may be added to your student account as appropriate in the University-specific fees. All fees are stated in the respective sections of this catalog. Any Charges are the responsibility of the student and shall be paid within the term in which the Charges incurred. Students assume responsibility for all costs incurred as a result of enrollment at Larkin University. It is always the student's responsibility to be aware of their account balance to and maintain current valid postal address information to ensure receipt of all school correspondence in a timely manner. Students are expected to check their e-mail on a frequent and consistent basis in order to stay current with school-related communications. The school reserves the right to cancel registration of any student if a balance due from a previous term remains unpaid at the start of a subsequent term.

*The University reserves the right to recover all costs related to the collection of delinquent accounts, including attorney's fees.

Florida Prepaid College Program

If you wish to apply Florida Prepaid to your semester's charges, you must bring an updated copy of your Florida Prepaid card to the Director of Student Financial Services at the time of registration. The Director of Student Financial Services will assist you in filling out the necessary paperwork required and bill Florida Prepaid on your behalf.

Sponsor of Third-Party Billing

Students who are eligible to receive third party sponsorship are required to submit proof of sponsorship at the time of registration. This paperwork must be submitted with each registration. It is the student's responsibility to make sure that payment is made upon submission of third-party billing.

Refund Policy

Refund for Dropping Individual Classes

Larkin University refunds in full tuition for classes dropped by the last day of the Drop/Add period. There is no refund of tuition for individual courses dropped after the last day of the Drop/Add period. The Drop/Add

period is the first 8 business days of the semester.

Refund for Withdrawing from Registration

Withdrawal is defined as the dropping of one's entire program in a given semester as differentiated from dropping some, but not all, of one's courses. Refunds will be made within 30 days. Application fees, late fees, and research fees are not refundable.

Refund Policy for all students

Tuition and fees shall also be refunded in full, for the current semester, under the following circumstances: (I) courses canceled by the College and/or University; (II) involuntary call to active military duty; (III) extraordinary circumstances, with approval by the President of the University.

Refund Schedule

Weeks 1&2 – prior to assessment Friday	100% tuition and fees
Weeks 3&4 – prior to assessment Friday	75% tuition refunded
Weeks 5&6 – prior to assessment Friday	25% tuition refunded
Weeks 7&8 – prior to assessment Friday	0% tuition refunded

Terms of Payment

Credit Balances

When there are credit balances on student accounts due to overpayment of charges, the Bursar will contact the student to issue a refund, unless the student wants the refund applied to future charges.

Debit Balances

If there is a debit balance after calculation of all anticipated charges and payments, students should make payments for the balances by the appropriate deadline. Payments can be made electronically or in person with the Business Office.

After the payment due date is past, a one-time late payment charge ($150) and late payment fees may be assessed on the unpaid balance. Students may also be dismissed.

Fellowships and loan proceeds are credited to student accounts following the registration period. Late payment charges or late fees may be assessed on remaining charges not covered by fellowship.

The Business Office has automated the process of issuing refund checks. All credit balances generated by supplemental monies will be automatically issued and mailed to your preferred address in CampusNexus. Please make sure your address is correct with the Office of the Registrar to ensure you receive your checks. To simplify the disbursement of your funds, direct deposit is available. Refunds are disbursed within 14 calendar days from when the credit balance has been created or 14 calendar days from the start of the term whichever date is later.

University Academic Policies and Regulations

Enrollment

Students are enrolled into courses each semester by the Registrar's office and agree to the terms of their enrollment by completing the Enrollment Agreement form provided during Orientation. Students will be able to view their enrollment status through the CampusNexus student portal. Any questions about enrollment should be directed to the Registrar's office.

FERPA and Confidentiality of Student Records

The university ensures the confidentiality of student records in adherence to the provisions of state and university regulations, including the Family Educational Rights and Privacy Act of 1974 (FERPA), as amended, also known as the Buckley Amendment. FERPA affords each student certain rights with respect to their education records. A student's education records are defined as files, materials, or documents, including those in electronic format, that contain academic information directly related to the student and are maintained by the institution, except as provided by law. These rights include:

- The right to request a review of their education records by submitting a written request to the Registrar. The review will be allowed during regular school hours under appropriate supervision. Students are not permitted to make copies of their educational records or to remove the records from the Registrar's office.

- The right to request the institution amend any of their education records, if they believe the record contains information that is inaccurate, misleading or in violation of their privacy rights. The request for change must be made in writing and delivered to the Registrar, with the reason for the requested change stated fully.

- The right to request some or all his or her directory information not to be released to third parties without his or her consent. The student must present such a request by completing the FERPA Non-Disclosure of Designated Directory Information form to the Registrar within 10 days after the date of the student's initial enrollment or by such later date as the institution may specify. The written consent of the student is required before personally identifiable information from education records of that student may be released to a third party, except for those disclosures referenced above, disclosures to accrediting commissions and government agencies, and other disclosures permitted by law. LU has defined directory information as the student's name, address(es), telephone number(s), e-mail address, program enrollment, dates of attendance, honors and awards, credential awarded, most recent educational institution attended, full-time/part-time enrollment status, or photo.

- The right to file a complaint with the U.S. Department of Education concerning alleged violations of his or her rights concerning the release of or access to education records. The name and address of the office that administers FERPA is:

  U.S. Department of Education 400 Maryland Avenue, SW Washington, DC 20202

Students have the right to access information in their file with the following exceptions:

- Transcripts-Students must request a copy of the transcript from the originating institution.
- Health records

- Confidential recommendations, if
    - The student has waived the right to see the recommendations, and/or
    - The person making the recommendation has noted on the form that the student is not to see the comments.

Students are not entitled to inspect and review financial records of their parents. Parental access to a student's records will be allowed without prior consent if the student is a dependent as defined in Section 152 of the Internal Revenue Code of 1986.

Larkin University discloses education records without a student's prior written consent under the FERPA exception for disclosure to school officials with legitimate educational interests. School officials who have a legitimate educational interest in the records, such as for purposes of recording grades, attendance, advising and determining financial eligibility. Appropriate parties, including parents, whose knowledge of the information is necessary to protect the health or safety of a student or another individual if there is a significant and articulable threat to the health or safety of a student or other individual, considering the totality of the circumstances.
Students may not review sole possession records which are defined as a personal record of LU employees/agents which meets the following test:

- It was created by the LU employee/agent as a personal memory aid; and
- It is in the sole possession of the LU employee/agent who created it; and
- The information contained in it has never been revealed or accessible to any other person, including the student, except the LU employee's/agent's "temporary substitute." "Temporary substitute," as used herein, means an individual who performs on a temporary basis the duties of the LU employee/agent.

Enrollment Verification Letters

Students who need an enrollment verification letter must complete the Enrollment Verification form and submit the form to:

Office of the Registrar

Larkin University

18301 North Miami Avenue, Suite 1

Miami, FL 33169

Note: If money is owed to Larkin University, release of transcripts, diplomas or other official documents are prohibited.

Transcript Request

To request an official transcript, students must pay $10 for each transcript, payable on the www.ularkin.org website and complete the Transcript Request form which includes:

- Student current name and complete address.
- Name under which student attended Larkin University, if different from student's current name.
- If currently enrolled, request to hold transcript for current semester grades or degree conferral, if applicable.
- Type of transcript required (e.g., student copy, official transcript to be sent to student in a sealed envelope, official transcript to be sent directly to a third party). If the transcript is for third party

use, the name and complete address of the person or institution must be provided.

- The number of transcripts required.

Additional Information:

Signature must appear on Transcript Request form.
Transcript request from anyone other than the student will not be honored. When requesting transcripts in person, identification is required.

Transcripts are processed within 3-5 business days upon approval from the Business Office.
Transcripts are sent by first class mail. Larkin University assumes no responsibility for final delivery.
Transcript requests should be submitted to:

Office of the Registrar
Larkin University
18301 North Miami Avenue, Suite 1
Miami, FL 33169

Note: If money is owed to Larkin University, release of transcripts, diplomas or other official documents are prohibited.

Request to Register at Another Institution

Larkin University does not allow students to complete required courses for graduation at another institution at this time.

Change of Program or Major

Students who contemplate a change from one program or major to another should discuss this possibility with the Dean to determine the effect such a change would make on the student's satisfactory academic progress. This institution defines satisfactory academic progress as completion of the total program in no more than 1.5 times the number of semesters described but within 2 times of the published completion time indicated in this catalog for the specific program. All credits attempted count toward the total program length of 1.5 times the number of semesters required for completion of the major program. If a student changes his/her major or program only the credits that are common to both programs may be accepted toward the new degree program.

Change of Name

Prospective and current students are responsible for informing the Registrar, in writing, of any name change. This information must be supported by official documentation (e.g., marriage license, court documentation.

Change of Personal Information

Prospective and current students are responsible for updating any changes in address, email or tele- phone number with the Registrar. All changes must be submitted, in writing, and sent to the Registrar. Larkin University does not accept responsibility for communication sent to an incorrect address if no change of address has been submitted in a timely manner.

Academic Standing

Good Academic Standing

Students are good academic standing if they meet the minimum cumulative grade point average (GPA). Students must not be on Probation nor subject to Suspension or Dismissal.

Probation

A student place on Probation is considered at risk of not completing program and thus is no longer considered in good academic standing. The status of "Probation" will be indicated on the student's transcript during the time they are actively on probation. Once the student returns to good academic standing, the transcript will no longer reflect the probation status. Please refer to your respective college section of the University catalog to see any college level restrictions imposed due to being placed on Probation.

Suspension

Suspension is considered a non-active status. A student in a non-active status is considered enrolled in a program of study but not actively attending and participating in coursework and is eligible to return to active status. To return to active status, the student must meet the specific requirements under which re-entry will allow. The status of "Suspension" will be permanently indicated on the student's transcript. Please refer to your respective college section of the University catalog and student handbook to see any college level restrictions imposed due to being placed on Suspension.

Dismissal

If a student is dismissed, they may choose to re-apply to the program of which they were dismissed. Students who are dismissed enrollments are terminated and registration privileges are denied. Please refer to your respective college section of the University catalog or student handbook to see any college level restrictions imposed due to being placed on Dismissal.

Leave of Absence

The student must begin the process by informing their respective college level Dean. Once a leave is granted, specific requirements for return will be communicated to the student. If the student does not return in a timely manner, they will be withdrawn from the program. A voluntary leave of absence will delay the expected graduation date. Please refer to your respective college section of the University catalog to see any college level requirements imposed due to Leave of Absence(s).

Voluntary Withdrawals

Voluntary withdrawal is defined as the dropping of one's entire program in a given semester as differentiated from dropping some, but not all, of one's courses. The student must inform their respective college to initiate the withdrawal. Withdrawal is a permanent out status and the student must re-apply if they wish to return to the program. Please refer to your respective college section of the University catalog to see any college level requirements imposed due to voluntary withdrawals. The student must follow the Withdrawal Procedure as outlined in their student handbook.

Administrative Withdrawals

Administrative withdrawals are initiated by a University or College level administrator due to for failure to comply with University and/or College specific requirements. A student may be administratively withdrawn, and their registration revoked at any time during the semester. Students will be notified of the Administrative Withdrawal by the Registrar.

Code of Conduct

The Code of Conduct is defined as the written document outlining the requirements of student conduct related to academic honesty and professional behavior. Each college's student handbook contains the code of conduct that is applicable to the students in that college.

Disclosure of Graduation Rates

Larkin University has established a process to track and measure graduation outcomes. Graduation outcomes may include the measurement of passing individual fields of study, performance on board exams, job placement and successful entrance into health professions, doctoral, post-doctoral or residency programs.

Employment Assistance

Although employment assistance may be offered, the University does not guarantee employment.

Transfer Courses

Transferability of Credits

Students seeking to transfer credits earned at another postsecondary institution from Larkin University to other institutions should note that the transferability of credits is at the discretion of the accepting institution. Larkin University does not accept transfer credits at this time.

Course Numbering System

The course numbering system consists of an alpha prefix followed by a digit course number. The alpha prefix identifies the academic discipline, and the first digit specifies if the course belongs to an upper or lower division.

Commencement

Commencement Ceremony

Commencement is a time to celebrate our graduates. There is one commencement ceremony held during the summer semester. All graduating students at Larkin University campuses are invited to participate. Please see the Graduation Requirements section of the student handbook of your respective college for additional information regarding commencement.

Graduation Requirements and Graduation Fee

Each student has to meet specific graduation requirements of their College and the University. Each potential graduate must meet each requirement to eligible to graduate. The process begins once a student completes the Graduation Application as provided to them by the Registrar. The graduation fee applies to all graduating students regardless of whether or not students attend the ceremony. The fee covers the cost of the diploma, cap & gown, printing of programs, printing of the diploma, rental ceremony site, and other items associated with the graduation. Please see the Graduation Requirements section of the student handbook of your respective college for additional information regarding the graduation requirements and fee.

Degree Conferral

Upon approval from the College, the student moves through the University process for degree conferral. The date of degree conferral will be the last business day of the month. This date will appear on both the transcript and diploma as the official date of graduation.

Diploma

The diploma will not be awarded at the time of Commencement. Students will receive their diploma approximately six weeks after the date of graduation, either through the mail or by picking it up at the Office of the Registrar.

Credentials

Program	Credits	Credential
Pharmacy*	141	Doctorate
Clinical and Translational Research	102	Doctorate
Biomedical Sciences*	33	Master of Science
Clinical Anatomy	36	Master of Science
Clinical Cellular and Molecular Biology	35	Master of Science

**At this time, only the Doctor of Pharmacy and Master's in Biomedical Sciences are offered at Larkin University*

Student Services

Counseling and Psychological Services

Personal Counseling

The COP Associate Dean of Student Affairs and Admissions and the Director of Student Services have appropriate experience to provide initial, short-term, transitional, academic, and personal counseling services for students. For additional support in providing wellness and mental health services, Larkin University has an on-site mental health counselor who provides non-diagnostic coaching and counseling services at no cost to the student.

The counselor provides individual counseling, coaching, and group wellness workshops. The counselor is available several evenings a week by appointment, or for drop-in sessions. Students in need of intensive or emergency care will be referred to outside services covered by the student's health insurance plan.

Wellness

The COP OSAA and the LU Counselor, offers wellness workshops for students on stress management, test anxiety, and time management, as well as other wellness topics throughout the year. LU offers all students access to TAO Connect, www.taoconnect.org, with your LU email address. The platform offers on-demand, anonymous, self-directed resources for overall wellness. An introduction to the software is provided during Orientation

Advising

The University is committed to quality academic advising and is required for all University programs. Each student will be assigned a faculty advisor from their program and is available to assist students in attaining educational and professional goals. Please see the Advising section of the student handbook of your respective college for additional information.

Student Organizations

Larkin University encourages students to become involved with professional and social student organizations as a means of developing leadership skills and professional networking opportunities. Opportunities for involvement are introduced to incoming students during Orientation each year.

Disability Services

Larkin University (LU) operates in accordance with Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act (ADA) of 1990. Qualified individuals with a disability will not be excluded from or denied access or benefits, or subjected to discrimination in any LU activity, service, or program based solely by reason of a disability.

Individuals with a disability who meet the academic and technical requirements for enrollment shall be provided with equal access to Larkin University and its program through reasonable accommodations.

LU does not discriminate in the admission or progression policies of students, scholarship and loan programs, or other activities administered by the college on the basis of race, religion, national or ethnic origin, gender identity or expression, sexual orientation, marital status, non-disqualifying disability, age, or military or veteran status. We are committed to providing a diverse and inclusive environment for students, faculty, staff, and others in the Larkin community.

Policy for Students with Disabilities

Students with disabilities are provided services and reasonable accommodations through the Office of Student Affairs and Admissions (OSAA) in the College of Pharmacy, as directed by the Assistant/Associate Dean for Student Affairs and Admission (ADSAA) and the Director of Student Services (DSS). Services and reasonable accommodations are made to permit equal access to otherwise qualified students with disabilities to all curricular and co-curricular opportunities. In addition, the LU College of Pharmacy provides leadership and guidance to the campus community to ensure compliance with legal requirements for equal access while enhancing understanding and support of students with disabilities.

Eligibility

A student is not legally required to disclose a disability to the LU College of Pharmacy; it is voluntary. However, in order to obtain disability services, it is the student's responsibility to start the process by contacting the ADSAA, disclosing the disability and requesting reasonable accommodations. The student shall provide the ADSAA with verifiable information from a qualified physician or licensed clinician who diagnoses disabilities and sets forth recommended accommodations. A request for accommodations will be considered on an individual basis. A student must be enrolled in Larkin University to request disability services.

Definition of an Individual with a Disability

To be covered by the following procedures, students must have a disability as defined in the Americans with Disabilities Act as:

A person who has a physical or mental impairment, which substantially limits one or more major life activities

- A person who has a record of such impairment
- A person who is regarded as having such impairment

The ADA also covers:

Protection from discrimination for individuals based on their relationship or association with a person with a disability

Retaliation or coercion against individuals who opposed any act the ADA makes unlawful, participated in the enforcement process, or encouraged others to exercise their rights under the ADA

All individuals, regardless of national origin or status

Procedures for Obtaining Accommodations

Students with disabilities who are requesting accommodations must meet with the ADSAA for an intake interview.

Students may submit a written request for accommodations at any time, however, the OSAA requires four weeks to process the request after receiving all required documentation. It is suggested that requests for accommodations be submitted at least four weeks prior to the beginning of the academic year. Late requests for accommodations may cause a delay in reviewing and providing the requested services.

Along with the written request, students must present:

- Documentation of the disability (dated within the last three years) from a qualified provider.
- A history of prior accommodations if available.
- Specific accommodation requests as determined by the qualified provider.

Documentation must be recent (within the last 3 years), relevant, comprehensive, and where appropriate, should contain test scores and interpretation. If the original documentation is incomplete or inadequate to determine the extent of the disability or reasonable accommodations, Larkin University has the discretion to require additional documentation. See General Guidelines for Documentation below.

Any cost incurred in obtaining additional or initial documentation is borne by the student. Until appropriate documentation is provided, the OSAA cannot support the student's request for services.

A letter outlining the appropriate accommodations will be provided to the student and, after review and discussion with the ADSAA, the appropriate faculty will be notified of the required accommodations.

Approved accommodations will be in effect for an entire academic year, or the remainder of the academic year in which the student has made the request.

The ADSAA will provide ongoing support to faculty to implement and sustain the necessary accommodations for students with disabilities.

Students requesting to renew their accommodations should notify the OSAA within four weeks of the beginning of the term for which they require accommodations.

Students should schedule an appointment with the ADSAA if they need to modify their accommodation requests, they need assistance, or have questions or concerns.

Reasonable accommodations for students with disabilities are granted on a case-by-case basis, in accordance with medical and professional information in the student's record, legal precedent, the COP Technical Standards, Federal and State laws, and the national standards for services for students with disabilities. Appeals of accommodation requests may be made through the Disability Appeals procedure, detailed at the end of this document.

General Guidelines for Documentation

To evaluate requests for accommodations or auxiliary aids, Larkin University will need documentation of the disability that consists of an evaluation by an appropriate professional and describes the current impact of the disability. The documentation should include the following seven elements:

A diagnostic statement identifying the disability, date of the most current diagnostic evaluation, and the date of the original diagnosis.

A description of the diagnostic tests, methods, and/or criteria used.

A description of the current functional impact of the disability, which includes specific test results and the examiners narrative interpretation.

Treatments, medications, or assistive devices/services currently prescribed or in use.

A description of the expected progression or stability of the impact of the disability over time, particularly the next five years.

The credentials of the diagnosing professional if not clear from the letterhead or other forms.

The diagnosing professional may not be a family member.

Appeal Process

The student may appeal any decisions related to their request for accommodations to the Dean in writing within 10 days of receiving notification from the ADSAA. Any position, paper, brief, medical *documentation,* or other written material, which the student desires to be reviewed, shall be submitted together with the notice of appeal. The Dean shall investigate and respond in writing to the notice of appeal stating his or her decision together with the reasons for either affirming or reversing previous decisions as to an accommodation or auxiliary aid.

Dress Code

Students are expected to maintain a neat and clean appearance during class time and are expected to wear University approved lab coats when they are in a clinical setting. Please see your respective college's student handbook for more information pertaining to specific dress code requirements.

Harassment Policy

Larkin University (LU) promotes an environment free from any type of discrimination, including harassment. All students, faculty, and staff of LU are expected to uphold the non- discrimination statement There is no tolerance, under any circumstances, for any form of harassment or discrimination, which includes threatening, offensive, or intimidating behavior or remarks; demands for sexual favors; or behavior that creates a hostile or intimidating environment because of another person's gender/gender identity, age, race, ethnicity, national origin, religion, creed, sexual orientation, and/or disability.

Harassment of another person will result in disciplinary action against any student or employee who is found, upon investigation, to have engaged in such conduct. Disciplinary action for students may result in educational programming, academic probation, leave of absence, or dismissal from the program, and for faculty and staff, consequences may include written warning, educational programming, or termination of employment as determined by human resources.

Types of Harassment

Harassment may include verbal or physical behavior or conduct that denigrates or shows hostility or aversion towards an individual because of his or her gender/gender identity, age, race, ethnicity, national origin, religion, creed, sexual orientation, and/or disability and that:

- Has the purpose or effect of creating an intimidating, hostile, or offensive working or academic environment;
- Has the purpose or effect of unreasonably interfering with an individual's academic work or performance; or

Otherwise adversely affects an individual's academic or employment opportunities. Harassing behavior or conduct includes, but is not limited to the following:

- Epithets, slurs, negative stereotyping; threatening, intimidating or hostile acts that relate to gender/gender identity, age, race, ethnicity, national origin, religion, creed, sexual orientation, and/or disability and/or
- Writing or graphic material that denigrates or shows hostility or aversion toward an individual or

group because of gender/gender identity, age, race, ethnicity, national origin, religion, creed, sexual orientation, and/or disability that is placed on walls, bulletin boards, or elsewhere on the College's premises or circulated in the classroom or workplace, either in person or electronically .

Hazing

Hazing is considered a form of harassment and is defined as an abusive, often humiliating form of initiation into or affiliation with a group, including any willful action taken or situation created which recklessly or intentionally endangers the mental or physical health of another. Hazing will not be tolerated and will be considered a form of harassment.

Sexual Harassment

Larkin University (LU) is committed to maintaining a safe and healthy educational and work environment. The University firmly believes that sexual harassment and discrimination undermine the integrity of human relationships. Accordingly, LU does not tolerate any behavior that subjects any member of the University community to discrimination or harassment on the basis of sex, sexual orientation, or gender identity. Sexual harassment, including sexual violence, is a form of sex discrimination, which illegally denies or limits an individual's ability to participate in or benefit from University programs or activities. LU will not tolerate the exclusion of any individual from participation in or the benefit of any University program or activity based on discrimination.

The following standards are designed to foster a safe environment in accordance with the governing federal regulations, Title IX of the Education Amendments of 1972, and the relevant sections of the Violence

Against Women Reauthorization Act. These standards apply equally to all regardless of the sex, gender, sexual orientation, gender identity, or gender expression of any of the individuals involved.

- Sexual harassment is unwelcome sexual advances, requests for sexual favors, or other physical expressible behavior of sexual nature where:
- Submission to such conduct is made explicitly or implicitly as a condition for an individual's employment or education;
- Submission to or rejection of such conduct by an individual is used as the basis for academic or employment decisions affecting an individual; or
- Such conduct has the purpose or effect of substantially interfering with an individual's academic or professional performance or creates an intimidating hostile or offensive work or academic environment even if the person engaging in the conduct does not intend to interfere, intimidate, or be hostile or offensive.

Reporting Procedure

LU will not tolerate harassment or discrimination by any member of the University community. Specific concerns or complaints regarding harassment or discrimination should be brought to the attention of the Assistant/Associate Dean of Student Affairs and Admissions (ADSAA) in the College of Pharmacy who will promptly, fully, and objectively investigate the complaint. Any student who believes he or she has been or is being harassed or is experiencing discrimination in violation of University policy, or witnesses what he or she believes to be harassment in violation of University policy, has an obligation to report such harassment to the ADSAA. Complaints will be processed through the Complaints Procedure.

Any student who is found to be in violation of LU's sexual harassment policy will be subject to sanctions in accordance with the student handbook of their respective college, up to and including dismissal from the program and University.

Additionally, students experiencing harassment or discrimination may consult with the University counselor to discuss their reporting options as well as to seek mental health services for issues arising from such experiences.

Complaints

Larkin University (LU) is committed to continuous quality improvement of all programs and the University. Students have the opportunity within their respective programs and Colleges to provide feedback regarding courses, faculty, and student support services. Additionally, each College has processes in place to address appeals for grades and disciplinary actions. Students are welcome to file a complaint at the University level after moving through the established processes within their College.

At the University level, students have the opportunity to bring forward concerns and file formal complaints including but not limited to; due process, harassment by students, faculty administrators, or staff, campus safety, FERPA violations, etc.
In all instances, anonymity and confidentiality will be maintained to the extent that such information is not necessary to the processing of the complaint or is likely to be known through the nature of the complaint. As the student ombudsperson, the Assistant/Associate Dean of Student Affairs and Admissions (ADSAA) in the College of Pharmacy is available to counsel students through the Complaints process. Students will not be subject to retaliation by any member of the LU community for submitting a complaint.

PROCEDURE

General Suggestions

There is a "Suggestion Box" in the Student Lounge which is checked every two weeks by the Director of Student Services in the College of Pharmacy. Students are encouraged to include their name and contact information for follow up, however, if submitted anonymously, resolution and follow-up to the suggestion may not always be possible. All suggestions are noted in an electronic file in the Office of Student Affairs and Admissions in the College of Pharmacy, including the date of receipt, responsible party, resolution, if any, and date of resolution.

Informal Complaints

Students are encouraged to initiate discussions of their concerns through an informal process with the appropriate individual(s) (ie, faculty, staff, or administrators) to attempt to resolve the issue. Students are also encouraged to provide feedback directly to the faculty, staff, and administrators within their College. An informal resolution may include a meeting between the affected parties or a personal letter by the complainant that outlines the issue, describes the effect on the writer, and expresses a wish for resolution. At this level, a full report will be created to document the steps taken to resolve the issue(s). Discussions, suggestions, and actions to resolve issues are expected to be conducted with civility and professionalism by all partied involved.

Formal Complaints

If the complaint is not or cannot be resolved at the informal stage, the student may submit a formal complaint to the Assistant/Associate Dean of Student Affairs and Admissions in the College of Pharmacy (ADSAA), in writing, by using the Complaint Form. This formal report should contain a statement of the problem or complaint, the facts and details of the situation, pertinent dates, and the names and positions

of the parties involved. The form must be signed and dated. The complaint will be investigated by the ADSAA, through mechanisms including, but not limited to, interviews of the necessary parties; including the accused, the complainant, and any witnesses or others deemed necessary to complete the investigation, or review of written or other evidence related to the complaint. After completion of the investigation, the ADSAA will meet with the complainant and the accused (if appropriate) separately, to review the investigation findings and possible resolution to the claim. If the student who made the complaint is not satisfied with the outcome, he or she may appeal the decision to the President.

Students may withdraw a complaint at any time during the complaint process by notifying the ADSAA in writing.

The student will receive written acknowledgement of receipt of the complaint within 5 business days with a plan for addressing the concern, including individuals who will be involved in the resolution. An update and/or resolution to the complaint will be sent to the student within 30 days of the acknowledgement of receipt. For time-sensitive complaints, efforts will be made to expedite the response. Students may appeal the resolution of the complaint within 30 days by writing to the President of LU.

All written complaints are housed electronically with the ADSAA including supporting documentation and resolutions as appropriate. No documentation related to complaints will be housed in the student's academic record.

Any student who is found to be in violation of College or University policy will be subject to sanctions in accordance with their respective College's Student Handbook, up to and including dismissal from the program and University. Any faculty, staff, or administrator who is found to be in violation of College or University policy will be referred to Human Resources and is subject to sanctions in accordance with Employee and/or Faculty Handbooks.

Unresolved Complaints – Agencies and Accreditors

For unresolved matters, students may contact the following agencies as appropriate to their complaint.

State of Florida

To file a complaint against a non-public, postsecondary educational institution in Florida, contact the Florida Department of Education, Commission for Independent Education (CIE), http://www.fldoe.org/policy/cie/file-a-complaint.stml in writing. Documentation required includes, name of complainant, complainant address, phone number, name of institution, location of the institution, dates of attendance, a full description of the problem and any supporting documentation such as enrollment agreements or correspondence. The complaint process involves contacting the institution to obtain their response to your complaint. If you do not want the Commission to contact the institution you must state so in your complaint, however, do so will greatly hinder the Commission's ability to assist you with your complaint

Commission for Independent Education,
325 West Gaines Street, Suite 1414,
Tallahassee, FL 32399-0400
Phone number - 888-224-6684
Email – cieinfo@fldoe.org
Fax – 850-245-3238

ACPE Complaints (College of Pharmacy)
The Accreditation Council for Pharmacy Education (ACPE) is the national agency for the accreditation of professional degree programs in pharmacy. ACPE is required by the U.S. Department of Education to assure that pharmacy programs have a policy to record and address student complaints regarding a school's adherence to the ACPE Accreditation Standards and Guidelines for the Professional Program in Pharmacy Leading to the Doctor of Pharmacy Degree hereinafter referred to as the "ACPE Standards".

ACPE Standards may be accessed at, https://www.acpe-accredit.org//.

Students may submit a complaint directly to ACPE by visiting the ACPE website, https://www.acpe-accredit.org/complaints/ and follow the student link to access the procedures for filing a complaint.

The College of Pharmacy would prefer to address ACPE complaints prior to them begin submitted to ACPE. Students may complete the ACPE Complaint Form and submit to either the Assistant/Associate Dean of Academic Affairs (ADAA) for curriculum matters, or the Assistant/Associate Dean of Student Affairs and Admissions (ADSAA) for student services matters. The student will receive acknowledgement of the complaint through email within three (3) business days. The student will be asked to meet with either the ADAA or the ADSAA to attempt to resolve the matter. If the matter can't be resolved in this meeting, an ad hoc committee will be formed within five (5) business days, which will include a COP administrator from the Executive Council, three COP faculty, and a student leader, none of whom are involved in the matter. The committee will review the complaint and make a recommendation to the Dean within ten (10) business days of the committee's formation. The student may be invited to meet with the committee to answer questions. Minutes will be taken at all committee meetings.

The student will receive a written response to the complaint from the Dean within five (5) business days of the conclusion of the committee's deliberations. The response will include an evaluation of the complaint and the decision of the Dean. Should the committee find that a violation of an ACPE Standard has occurred, a proposal for corrective action and a corresponding timeline will be outlined. If the student is not satisfied with the decision of the Dean, he/she may appeal to the President of LU.

All written complaints related to ACPE standards, including investigations, committee meeting minutes, reports, and correspondence related to the complaint will be retained in a confidential file in the Office of the Dean. No records will be maintained in the official student record.

Department of Education (FERPA)
A student who believes that LU has violated his or her rights concerning the release of or access to his or her records may file a complaint with the
U.S. Department of Education
400 Maryland Avenue, S.W.,
Washington, DC20202
https://studentprivacy.ed.gov/file-a-complaint

Regional Accreditation - SACSCOC
Larkin University is in the process of applying for accreditation through the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC). Following our submissions and approval of candidacy status, Larkin University will be held to SACSCOC accreditation standards. Information for filing a complaint regarding non-compliance with a SACSCOC standard is below, https://sacscoc.org/app/uploads/2020/01/ComplaintPolicy-1.pdf

An individual may make an inquiry regarding complaint procedures or about issues and concerns that could be considered complaints; however, the Commission's response and its obligations to meet the specific timetables outlined in the procedures (referenced later in this document) will begin only after the complainant submits a formal written complaint. A formal complaint is one that is (1) submitted in writing using the SACSCOC "Complaint Form" https://sacscoc.org/app/uploads/2020/01/ComplaintPolicy-1.pdf. (2) signed by the person submitting the complaint (complainant), (3) two print copies of the form and any supporting documentation, and (4) sent via ground mail to:

President Southern Association of Colleges and Schools Commission on Colleges

1866 Southern Lane

Decatur, GA 30033-4097

SACSCOC will not consider the following to be formal, written complaints: (a) complaints that are not in writing, (b) anonymous complaints, (c) complaints submitted electronically, (d) complaints submitted through facsimile transmission, (e) complaints submitted on behalf of another individual, or (f) complaints forwarded to SACSCOC. In addition, SACSCOC does not accept voice recordings, such as recordings of meetings and conversations, as evidence in support of a complainant's allegations. To submit information from voice recordings, the complainant should have the tape transcribed, provide a signature page for the complainant to attest to the accuracy of the transcription, and have the signature page notarized. If a complainant has a demonstrated disability that prevents submission of a formal complaint in accord with the guidelines above, he or she should contact the SACSCOC Public Relations and Data Specialist for assistance.

Smoking Policy

Per Florida State Statute, Florida Clean Indoor Act, smoking is prohibited inside all buildings. In compliance with state law and in an effort to promote health care and wellness, the LU campus is designated as non-smoking.

Smoking is not permitted inside buildings, in parking lots or around the perimeter of the buildings. Students seeking to smoke must leave the campus entirely, there are no designated smoke zones. Vaping and using electronic cigarettes is considered smoking and prohibited on campus.

Student Responsibility

Students are responsible for compliance with the regulations of the school and should familiarize themselves with the provisions of this catalog distributed by Registrar Office posted official notes; and official instructions given to students. While Larkin University provides academic advising; the responsibility for planning individual programs rests with the students. Students are expected to become familiar with the requirements of the university, of the schools in which they are enrolled, and of their major disciplines.

Library Services

Library Mission

The Mission of the Library at Larkin University (LU) is to support the diverse information needs of our

academic community by promoting academic excellence, enhancing research and discovery and by fostering scholarship and success; by facilitating student and faculty access to collections of scholarly resources, and providing quality assistance in an environment which stimulates and supports academic inquiry, accomplished through the delivery of relevant library resources and services, partnerships with faculty and staff in the education of our students and the development of information competence and research skills that will prepare students for lifelong success in the digital age.

Resources and Services

The Larkin University Library (LU) supports the needs of our academic community with a robust and well-appointed collection of print and electronic resources, subject-specific scholarly journals and a library website with a 24/7 gateway to an extensive compendium of knowledge to promote professional and educational achievement. In addition to the print collection, the campus library is ADA compliant, maintains computers with software for scholarly writing and presentations; offers Wi-Fi access to the Internet for academic endeavors and scholarship; houses a printer; an electronic Smartboard; and provides a quiet study environment to cultivate learning and encourage accomplishment. Professional library personnel, accredited by the American Library Association and certified by the Medical Library Association as an Association of Health Information Professional (AHIP) provides students, faculty and staff with reference consultation and assistance, interlibrary loan services, and information literacy instruction for a successful and enriching educational experience.

Library Hours

Monday-Friday, 8am-4pm. Hours are adjusted to meet the needs of the campus community.

Reference Services

The Library provides reference services to support education, research, and general information. Library instruction is offered on using print and electronic resources in several ways:

- In the reference area
- Via telephone
- Via electronic mail
- By appointment
- Through bibliographic instruction classes scheduled by the faculty

The print and online reference collection provides extensive information resources that support the education, research and general information needs of students, faculty, and staff.

Reference services are provided during most the library's hours of operation.

Information Technology

The Larkin University (LU) Office of Information Technology department provides support of the computers to students.

Electronic Communication Policy

In general – Incidental use of Larkin University (LU) e-mail and internet is at the student's risk and the user should not have a sense of privacy. The Internet is in the Public Domain.

The following summarizes the responsibilities/policies that students who use LU-provided Internet services and e-mail must follow:

- LU students have an obligation to use their access to the Internet and e-mail in a responsible and informed way, conforming to network etiquette, customs, courtesies and any or all applicable or regulations;
- Students are responsible for ensuring that the person sending any material over the Internet has the appropriate distribution rights;
- As with other forms of publications, copyright restrictions/regulations should be observed;
- Students shall be aware that the conduct/information they publish can reflect on the reputation of LU. Therefore, professionalism in all communications is of the utmost importance; and
- Students shall represent themselves accurately and honestly through electronic information or service content.

Unacceptable Uses

Since the Internet and e-mail constitute an uncensored worldwide network of networks that provides for peer- to-peer communications between participants, they also have great potential for misuse.

Use of LU Internet and e-mail resources is a privilege that may be revoked at any time for inappropriate conduct. Any abuse of acceptable use policies may result in revocation of access, notification of LU management, and disciplinary action up to and including referral to Student Progression and Professionalism Committee (SPPC).

Under no circumstances is a student at LU authorized to engage in any activity that is illegal under local, state, federal or international law while utilizing LU-owned resources.

Abuse of the Internet access provided by LU in violation of law of LU policies will result in disciplinary action, up to and including referral to SPPC. Students may also be held personally liable for any violations of this policy.

The use of enterprise-provided access to the Internet is intended exclusively for academic use.

Students who use Internet access capability for personal business must adhere to the same polices and guidelines applicable to the organization as a whole. Violation of this policy may be grounds for referral to SPPC.

Internet users must report all security problems or suspected violations to the Director of Information Technology as soon as it is known.

Internet users must abide by all software licensing agreements, copyright laws, and other applicable regulations.

The following behaviors are example of actions and activities that are prohibited and can result in

disciplinary action. This list is not intended to be all-inclusive:

- Sending or posting discriminatory, harassing or threatening messages or images. Using the organization's time and resources for personal gain.
- Stealing, using or disclosing someone else's code or password without authorization.
- Engaging in unauthorized transactions that may incur a cost to LU or initiate unwanted Internet services and transmissions.
- Sending or posting messages or material that could damage LU's image or reputation.
- Participating in the viewing or exchange of pornography, obscene materials, or other sexually explicit materials.
- Sending or posting messages that defame or slander other individuals. Attempting to break into the computer system of another organization or person. Refusing to cooperate with a security investigation.
- Sending or posting chain letters, solicitations or advertisements not related to business purposes or activities.
- Using the Internet for political activities, religious activities, or any sort of gambling. Jeopardizing the security of the organization's electronic communications systems.
- Gaining access to the Internet by using any access-control mechanism not assigned to the particular user or permitting another person to have access to the Internet by using the student's assigned access-control mechanism.
- Using, transmitting, changing or deleting another user's files or software without permission. Sending anonymous email messages.
- Using access for any reasons violating Institute rules and regulations or other illegal activities.

Access to the Internet has been provided to students for the benefit of the academic use. It allows students to connect to information resources around the world. Every student has a responsibility to maintain and enhance the company's public image, and to use the Internet in a productive manner. To ensure that all students are responsible, productive Internet users and are protecting the company's public image, the following guidelines have been established for using the Internet.

Acceptable Uses of the Internet

Students accessing the Internet at LU are representing the University. All communications should be for academic or professional reasons. Students are responsible for seeing that the Internet is used in an effective, ethical, and lawful manner. Internet Relay Chat channels may be used to gain technical or analytical advice. Databases may be accessed for information as needed. E-mail may be used for educational and professional contacts.

Communications

Each student is responsible for the content of all text, audio, or images that they place or send over the Internet. Fraudulent, harassing, or obscene messages are prohibited. All messages communicated on the Internet should have the students name and year of graduation (e.g., Class of 2020) attached. The use of

the LU seal and banner in email signature lines is encouraged. No messages will be transmitted under an assumed name. Users may not attempt to obscure the origin of any message. Students are required to check their myuLarkin email accounts daily and respond within 2 business days to communication from

faculty or administrators. Information published on the Internet should not violate or infringe upon the rights of others. No abusive, profane or offensive language is transmitted through the system. Students who wish to express personal opinions on the Internet are encouraged to obtain their own usernames on other Internet Systems.

Software

To prevent computer viruses from being transmitted through the system there will be no unauthorized downloading of any software. All software downloads will be done through the Information Technology Department.

Copyright Issues

Students may not transmit copyrighted materials on the Internet belonging to entities other than LU. One copy of copyrighted material may be downloaded for the user's own personal use in education or research. Users are not permitted to copy, transfer, rename, add, or delete information or programs belonging to other users unless given express permission to do so by the owner. Pirated materials may not be downloaded or used. Failure to observe copyright or license agreements may result in disciplinary action from the company or legal action by the copyright owner.

Students must request permission from faculty, in advance, to record any part of the didactic lecture or lab. Each faculty member has discretion regarding what information may be recorded and in what mode (e.g., photo, audio, or video). Due to patient confidentiality and HIPAA regulations, no recording of any kind is permitted during patient encounters.

IT Security

All messages created, sent, or retrieved over the Internet are the property of LU, and should be considered public information. The Institute reserves the right to access and monitor all messages and files on the computer system as deemed necessary and appropriate. Internet messages are public communication and are not private. All communications including text and images can be disclosed to law enforcement or other third parties without prior consent of the sender or the receiver. Students may receive a copy of their records except for the above-listed documents, at the discretion of the university official.

Knowledge of Regulations Release of Information

Larkin University makes every endeavor to keep the student's educational records confidential and out of the hands of those who would use them for other than legitimate purposes. All members of the faculty, administration and staff respect confidential information about students, which they acquire in the course of their work. At the same time, Larkin University tries to be flexible enough in its policies not to hinder the student, the institution, or the community in their legitimate pursuits.

Original documents submitted by or for students in support of an application for admission or for transfer credit cannot be returned to the student, photocopied, nor sent elsewhere at his/her request. In exceptional cases, however, where another transcript is unobtainable, or can be secured only with the greatest difficulty copies may be prepared and released to prevent hardship to the student. The student should present a signed request to the Office of the Registrar. Usually, a certified copy of what is in the student's file is released. In rare instances, the original may be released, and the copy retained, with a notation to this effect being placed in the file.

Students have the right to access information in their file (per the Buckley Privacy Act, 1974), with the following exceptions:

- Transcripts-Students must request a copy of the transcript from the originating institution.
- Health records
- Confidential recommendations, if
    - The student has waived the right to see the recommendations, and/or
    - The person making the recommendation has noted on the form that the student is not to see the comments.

Students may receive a copy of their records except for the above-listed documents, at the discretion of the university official.

Facilities

The campus located in Miami, FL, near the Golden Gate exchange, offers easy access to the Palmetto Expressway (SR 826), I-95 and the Florida Turnpike. The campus houses the appropriate academic and administrative support for the programs of the College of Pharmacy and Biomedical Sciences, a library/learning resource center, classrooms, study rooms, and student break area. Although Larkin University does not provide on-campus housing, Larkin has partnered with Florida International University Bayview Housing to offer housing opportunities to our students.

Student Right to Know

Larkin University follows the Student Right-to-Know and Campus Security Act (PL 101-542). The act governs disclosure of information about graduation or completion rates and campus security statistics to current and prospective students.

Campus Security

The Facilities Office in conjunction with campus security provides services which safeguard people, facilities, and property. Campus security is to serve, protect and enhance the quality of life in the University community by providing a healthy, safe, and secure environment for students, faculty, and staff. The University is secured with an alarm system and surveillance cameras 24 hours, every day of the year.

Campus security surveils the parking lot throughout the hours of operation and the parking lot is equipped with LED lights. Safety on campus is a shared responsibility involving everyone in the University community. Students, faculty, and staff are asked to exercise reasonable caution on campus and to be alert to suspicious persons or activities and report them to Security personnel. The University follows the guidelines of the “Campus Crime Awareness and Campus Security Act 0f 1990.”

Parking

Any person operating an automobile on campus must display a valid registration decal and park only in those areas appropriately designated. Parking spaces are assigned to students, faculty, and staff; visitor and handicap parking spaces are available as well. Parking permits are to be displayed on the left bottom side of the rear window.

Identification Badges

Every University student, faculty, and staff will be issued a LU identification badge. These badges will serve as official University identification and must always be carried. These badges serve as the entry card into the building. Badge holders are not permitted to allow unknown persons into the building and should notify Security if visitors wish to enter the building.

Drug Free Campus

Larkin University is a drug free campus. The College is committed to fostering an education experience and environment free from illegal drugs, legal substances intended to mimic the effects of illegal drugs, and misuse or overuse of controlled substances.

The use, consumption, possession, sale, manufacture, trafficking or transfer of any illegal drug as defined by Florida Statutes and Federal Law, is strictly prohibited.

The use, consumption, possession, sale, manufacture, trafficking or transfer of any controlled substance, as defined by Florida Statutes and Federal Law is illegal and prohibited except when legally prescribed, taken by the individual name on the prescription, and consumed for its intended use.

The use, consumption, possession, sale manufacture, trafficking or transfer of any legal substance that mimics the effects of illegal drugs, is prohibited.

Use, display and/or possession of drug paraphernalia is also prohibited. This includes but is not limited to bongs, pipes, hookahs, water pipes or any item modified or adapted for planting, propagating, cultivating, growing, harvesting, manufacturing, compounding, converting, producing, processing, preparing, testing, analyzing, packaging, storing, containing, concealing, injecting, ingesting, inhaling, or otherwise introducing a controlled substance into the human body.

Graduate Student Status

The number of credit hours attempted in a given semester as follows determines a graduate student's status:

Full-time	6 credits or more
Part-time	1 to 5 credits

Academic Programs

College of Biomedical Sciences

Mission Statement

To develop an academic community engaged in teaching, research, scholarship, and service that provides an opportunity for individuals aspiring to health science careers to prepare for professional studies in medicine, dentistry, pharmacy, physician assistant, anesthesiology assistant, clinical medicine, addiction medicine and research.

Administration

Dr. Marti Echols, PhD. Dean, College of Biomedical Sciences

Admissions

Admission Requirements

Applicants for the **M.S. in Biomedical Sciences:**

- must have a bachelor's degree from a regionally accredited or internationally recognized college or university with a record of satisfactory academic work at the baccalaureate and/or graduate level.
- should have an undergraduate GPA of 2.7 or better on a 4.0 scale.
- A resume and a personal statement of educational/professional goals.

Not Required, but may submit if available:

- All applicants for the masters' degree are required to submit an official Graduate Record Examination (GRE) score. Other standardized test scores (MCAT, DAT, PCAT, VAT) may be substituted for the GRE.
- Two letters of recommendation

Applicants for the **M.S. in Biomedical Sciences** should fulfill the preferred requirements of prerequisites*

Prerequisites*

Biology I and II (w/lab)	8 hours
Chemistry I and II (w/lab)	8 hours
Organic Chemistry I and II (w/lab)	8 hours

Physics I and II (w/lab)	8 hours
Calculus or Statistics	3 hours
Advanced Sciences (Biochemistry, Molecular Biology, Anatomy and Physiology, Microbiology, Genetics)	3 hours
Total Hours	**38 hours**

*Students with questions regarding a course substitution in lieu of a prerequisite course, should contact the admissions advisor directly at biomedadmissions@ularkin.org.

Admission Procedures

Applicants applying to our master's-level program will apply online using the PostBacCAS application (https://PostBacCAS.liaisoncas.com).

The following items can be submitted in the PostBacCas application:

- Completed Application
- Resume
- Personal Statement
- Photo ID
- Letters of recommendation (if available)
- Prerequisites
- Exam scores (GRE, MCAT, DAT or PCAT) (if available)

All Official Transcripts will need to be sent to:

PostBacCas Transcript Processing Center
P.O. Box 9209
Watertown, MA 02471

---or----

Larkin University COBS
18301 N. Miami Avenue
Miami, FL 33169

Schedule of Application for Admissions Cycle

Applications are reviewed on a rolling admission basis; therefore, it is recommended that the application to the program and supporting documents are received as soon as possible.

Academic Calendar

FALL 2022

New Student Orientation	Friday, 8/29/22
Classes Begin	**Monday, 9/6/22**
Labor Day	Monday, 9/5/22
Thanksgiving Holiday	Thursday-Friday, 11/24/22-11/25/22
Classes End	Wednesday, 12/14/22

SPRING 2023

Classes Begin	**Monday, 1/9/23**
Dr. Martin Luther King Jr Holiday	Monday, 1/16/23
Classes End	Wednesday, 4/19/23

SUMMER 2023

Classes Begin	**Monday, 4/24/23**
Commencement	TBA
Memorial Day Holiday	**Monday, 5/29/23**
July 4th Holiday	**Tuesday, 7/04/22**
Classes End	Wednesday, 7/26/23

Academics

Definition of a Unit of Credit

Credit hours are awarded on a semester basis according to the successful completion of coursework for which the student has registered. The successful completion of one unit of credit is equivalent to the following total clock hours per semester:

1 didatic credit = 15 hours

1 laboratory credit = 30 hour

1 internship/externship or practicum credit = 45 hours

Grade Reports

Grading System

The grading system for academic performance in the College of Biomedical Sciences appears below. Unless otherwise indicated, each grade earned is calculated into the student's cumulative grade point average (CGPA) and the credits assigned for the course taken are included in the calculation.

Passing, Non-Punitive and Falling Grades

The Office of the University Registrar records student grades. The only passing grades for graduate students are A, A-, B+, B, B-, C+, C, S and CR. Grade points are not given for S, CR and U grades; S, CR and U grades are not used to calculate grade point averages. All letter-graded courses eligible to count toward the graduate degree and are used to calculate the cumulative grade-point average. Letter grades of C-, D+, D, D- or E are not considered passing at the graduate level, although the grade points associated with these letter grades are included in grade point average calculations.

Repeated Course

The new grade for a failed course that has been repeated will not replace the prior grade. Both the grade earned, and the credits taken for the repeated course will be included in the CGPA for satisfactory academic progression (SAP) calculations.

Incomplete (Grade of I)

At the discretion of the instructor, a student may be assigned a temporary grade of incomplete (I) to allow the student more time to complete missing coursework or to take a required exam. Upon completion of the work or exam, the earned grade replaces the grade of "I" and is calculated into the grade average for the level and for the CGPA. If the missing work or exam is not completed within two weeks from the last day of the course, a grade of "F" will be assigned and computed into the final grade average for the course and into the CGPA.

W Grade

A student who formally withdraws from the institution before the mid-point (50% or half-way point) of a course will be assigned a grade of W for the course. The W grade is not included in the calculation of the CGPA and the credits for the course are not included in the determination of total credits attempted.

WP Grade

A student who formally withdraws from the institution after the mid-point of a course and who had earned an overall score of 2.0 or higher by the time of the withdrawal will be assigned a grade of WP for the course. The WP grade is not included in the calculation of the CGPA and the credits for the course are not included in the determination of total credits attempted.

WF Grade

A student who formally withdraws from the institution or who stops attending after the mid- point of a course and who has earned less than an overall score of 2.0 or higher by the time of the withdrawal will be assigned a grade of WF for the course. The WF grade is included in the calculation

of the CGPA and the credits for the course are included in the determination of total credits attempted.

Recording of Final Grades

All course grades will be recorded as a letter grade in CampusNexus. Each transcript will report the letter grade earned in the course.

Grade Appeals

A student wishing to challenge a grade will proceed in the following manner:

a. Discuss concerns related to the grade with the faculty member of record in the presence of your faculty advisor or other faculty member.
b. If the grievance is not settled with the faculty member, the student must write a letter to the Dean of the college stating the grievance no later than thirty days after the date on which the grade was due in the Office of the Registrar's.
c. The Dean will make an informal investigation, hearing both the student and the faculty member, and attempt an informal reconciliation. The Dean will render a decision within thirty calendar days and inform the student and faculty member in writing.
d. The Dean will make the final decision on the appeal of a grade.

Recognition of Honors

The top 10% of students each semester (non-cumulative) will be included in the Dean's List.

To maintain satisfactory progress in the **M.S. in Biomedical Sciences**, the student must:

- Complete their total program in no more than 1.5 times the number of semesters described in this catalog for the program.
- Establish and maintain at least a 3.0 GPA by the end of the student's second term of enrollment and all subsequent terms.
- Factors that may influence satisfactory progress and that may result in extended time are:
    - Deviation from the catalog requirements in the number of hours taken per semester
    - Deviation in the course sequence recommended
    - Withdrawal from classes
    - Repeated courses
    - Grades of "Incomplete"
    - Changing the major or the program
    - Probation or suspension
    - Grade appeal process
    - Grade appeal process
    - Earning more than one degree at a time

Policy on Leave

Voluntary Leave of Absence

A student may request a voluntary LOA from Larkin University (LU) College of Biomedical Sciences (COBS) by means of a voluntary leave of absence form. The voluntary LOA must be taken to the following individual for a signature:

The Dean

The student must inform the Dean, with the form, at least 30 days before the start of the semester or the end of the semester that was completed. If the student does not return in a timely manner, they will be withdrawn from the program. Only one (1) voluntary leave absence request will be granted in a 12- month period. A voluntary leave of absence will delay the expected graduation date and courses needed for program completion upon the student's return are not guaranteed.

Withdrawals

Procedure for Withdrawal

Students withdrawing from Larkin University (LU) College of Biomedical Sciences must do so officially by submitting the Withdrawal Form to the following individual for a signature:

The Dean

After this signature has been obtained, the student must submit the form to the Director for Student Financial Services (DFS) who will counsel the student on their financial responsibilities to the school and the loan provider. The DFS will send the completed form to the Registrar for final processing.

It is the responsibility of the student to initiate a withdrawal, otherwise, an F grade will be issued at the end of the term. Students who withdraw from the program will not be permitted to return to the program without first meeting with the Dean.

Academic Dishonesty Policy

Cheating and Plagiarism Definitions

Cheating is defined as the attempt, successful or not, to give or obtain aid and/or information by illicit means in meeting any academic requirements, including examinations. Cheating includes falsifying reports and documents.

Plagiarism is defined as the use, without proper acknowledgement, of the ideas, phrases, sentences, or larger units of discourse from another writer or speaker. Plagiarism includes the un- authorized copying of software and the violation of copyright laws.

Incident of Cheating or Plagiarism

An incident upon which a faculty member may take action will be an event which the faculty member witnesses or has written evidence to support. A faculty member or a designated representative must

observe this evidence directly and may not take action solely on the report of another party.

Procedures for Handling Cheating or Plagiarism

Any faculty member discovering a case of suspected cheating or plagiarism should make a responsible effort to confront the student with the evidence within five working days. If the student can explain the incident to the satisfaction of the faculty member, no further action is warranted.

If the student denies cheating and the faculty member continues to believe cheating has occurred, the faculty member will send an Academic Dishonesty Form to the Dean.

The Dean will hold a hearing in which the faculty member will present the evidence against the student.

The Dean will decide who, in addition to the above, may be present at the hearing.

Graduation Requirements

The following are the requirements for graduation for all students expecting to graduate from a degree program in the College of Biomedical Sciences from the Larkin University:

- Must meet specified academic requirements (i.e., GPA) for graduation for the specific program;
- Complete all degree requirements specified for the appropriate degree program;
- Submit a Degree/Diploma Application form with the Office of the Registrar no later than the date specified by the Registrar.

A student must complete the total number credit hours graduate course work, with a minimum grade point average of 3.0 (B) with no more than 8 credit hours of "C" grades to graduate with a degree in the College of Biomedical Sciences. Courses with F grades must be repeated and replaced with grades of B or better.

Clinical Shadowing

To be eligible to shadow at our partner hospitals in **M.S. of Biomedical Sciences program**, the documents below need be submitted to the Office of the Dean.

- Legible copy of social security card and driver's license
- A background level II check must be done with Fingerprints which can be accepted up to 5 years old.
- PPD or chest X-Ray (not older than a year)
- Immunization records form
- MMR – Measles, Mumps, and Rubella Varicella – Chicken Pox Vaccine Hepatitis A and/or Hepatitis B Diphtheria / Tetanus
- Flu Vaccine
- Other vaccinations/immunizations as required by the facility

Online Hospital Orientation must be completed. You must complete Orientation Packet, print, and return to the education coordinator.

Student Organizations

The College of Biomedical Sciences support student-driven activities and clubs such as, the Biomed Pre-Health Club, scientific research projects, community service organizations, and special interest or social organizations. In addition to participation in student organizations, students will be highly recommended to complete clinical shadowing hours at hospitals, local clinics, or doctor offices. Students are also encouraged to participate in volunteer and community service activities and to take advantage of special events and speakers on campus.

Degree Programs

Master of Science, Biomedical Sciences (33 Credit Hours)

Master of Science, Biomedical Sciences

Program Objective

The educational objectives for the Program correlate with the pillars for educational programs of Larkin University. These include critical thinking, communication, professionalism, teamwork, and social responsibility.

Upon completion of the MBS Program, the graduate shall have acquired knowledge, skills and competence related to the Program Learning Outcomes as evidenced by the ability to:

- Analyze individual case studies and evaluate clinical treatments relative to biochemical, genetic, physical, and microbial diagnostics (*Critical Thinking*).
- Present and discuss diseases and disorders of the human body *(Communication*)
- Participate in clinical experiences to develop professional skills needed to work in patient care settings. *(Professionalism)*
- Participate in clinical experience, health-related research, and scholarship to enhance their application to health professions or graduate school. (*Professionalism*).
- Demonstrate the ability to work independently and with others using group projects assigned by the faculty. (Teamwork)
- Participate in outreach activities for health promotion and disease prevention in the local or global community. (Social Responsibility)

Program Description

The Master's in Biomedical Sciences Program has been designed to prepare students to advance as biomedical scientists or health care professionals. Specifically, the curriculum has been designed to educate students through rigorous, graduate level science courses to strengthen their application for graduate and professional school. The core basic science courses are like those found in the first year of health professions school or graduate school. The Master's Degree in Biomedical Sciences consists of a total of 33 credit hours taken over a one-year period. The curriculum is designed as 21 credit hours of core curriculum plus 12 credit hours specific to the field the student plans to pursue. This allows a more individualized and focused preparation program designed to meet specific needs of students. Electives are selected from the program concentrations. These include medicine, dentistry, pharmacy, physician assistant, anesthesiology assistant, cellular & molecular medicine, research, clinical medicine, addiction medicine, and clinical and translational research

Master's Degree in Biomedical Sciences: The program consists of 33 credit hours of didactic instruction plus, a comprehensive final exam.

- Health Professions Concentration (Medicine, Dentistry, Pharmacy, Naturopathic Medicine Physician Assistant, and Anesthesiologist Assistant
- Cellular & Molecular Medicine Concentration
- Research Concentration (Laboratory Research, Clinical & Translational Research)
- Cellular & Molecular Medicine Concentration
- Clinical Medicine Concentration
- Addiction Medicine Concentration

The total program consists of 33 credit hours of didactic, laboratory or clinical instruction (21 core credit hours plus 12 credit hours from the above list) as well as professional development and research to prepare for your future career.

Course of Study

Curriculum Outline

*Core Curriculum (21 Credit Hours)

Course Number	Course Titles	Credit Hours
MSB 503	Biochemistry	4
MSB 591	Research 1	4
MSB 513	Immunology	3
MSB 514	Medical Microbiology	3
MSB 520	Molecular Genetics	3
MSB 525	Standardized Test Preparation	2
MSB 589	Professional Development Seminar	1
MSB 590	Clinical & Scientific Presentation	1
Total		**21**

**Required or Core Courses may be substituted for other courses offered within the program, only after review by the Academic Coordinator and approval by the Dean of competency and equivalency in the course content.*

In addition to the 21 core credit hours, the following electives are available to provide a focused concentration area of study (minimum of 12 credit hours) which align with the student career goal.

Concentration Electives

Course Number	Course Titles	Credit Hours
CMB 505	Laboratory Techniques & Equipment	3
CMB 520	DNA,RNA, Immunological Methods	3
CMB 530	Molecular Biology of Cancer	3
CMB 540	Hematology & Histology	3
MSB 505	Frontiers in Medicine	1
MSB 540	Pathophysiology	4
MSB 550	Human Anatomy	4

MSB 560	Human Physiology	4
MSB 530	Neuroscience and Neuroanatomy	4
MSB 592	Research 2	4
MSB 595	Biostatistics	4
MSBC 581	Applications of Medical Science in Diagnosis, Treatment & Documentation of Diseases	4
MSBC 582	Clinical Applications of Medical Science	4
MSBC 583	US Healthcare System	2
MSBC 584	Medical Spanish	2
MSBC 680	Fundamentals of Addiction	3
MSBC 681	Neurobiology of Addiction	3
MSBC 682	Clinical Aspects of Addiction	3
MSBC 683	Addiction Treatment & Clinical Management	3
Total		**61**

Program Total Hours 33

Proud &
Strong

College of Pharmacy

Mission Statement

We are an innovative college of pharmacy engaged in teaching, scholarship, and service preparing compassionate healthcare professionals to practice in current, emerging, and diverse settings.

Vision Statement

We strive to be a catalyst for innovation to further advance health care.

Core Values

- Integrity
- Learner-Centered
- Accountability
- Professionalism
- Innovation
- Empathy
- Collaboration

Administration

Ruth Nemire, PharmD, EdD, FCCP, FNAP, CRQM	Dean, College of Pharmacy
Lynne Arric, M.S., Ed.D.	Associate Dean of Student Affairs &Admissions
Andrea Murzello, Pharm.D.	Assistant Dean of Experiential Education
Jayesh Parmar, Ph.D.	Assistant Dean of Academic Affairs
Antonio Perry, M.Ed.	Assistant Dean of Accreditation
Subrata Deb, PhD	Chair, Department of Pharmaceutical Sciences
Juan Mosley, II, PharmD.	Chair, Department of Clinical and Administrative Sciences

Directors

Everlidis Pena, M.Ed.	Director of Admissions
Jessenia Pomares, MBA	Director of Student Services

Degree Programs

Doctor of Pharmacy (Pharm.D.) (141 Credits)

Doctor of Pharmacy (Pharm.D.)

Program Objective

To develop an academic community engaged in teaching, research, scholarship and service that pre- pares pharmacists for compassionate, evidence-based and interprofessional practice in diverse settings.

Program Description

The curriculum will be offered via a three-year block program. Although the curriculum will be offered in a time shorter than 4-calendar years, it is estimated the actual program will have approximately 25-30% more contact time than a traditional 4-year program. Students will spend approximately 6 hours most weekdays in educational settings. This will allow for didactic and laboratory experiences to include a large proportion of time for student group learning, formative, and summative assessments. Basic and skills-based laboratories will complement didactic in-class activities where applicable. There will be daily formative assessment tools to determine formative outcomes and every other week there will be a summative assessment of the material from the block.

Introductory Pharmacy Practice Experience (IPPE) will be a total of 320 hours of education over two sessions (160 hours each) and Advanced Pharmacy Practice Experience (APPE) will be seven six-week rotations for a total of 42 weeks or 1680 hours.

Program Learning Outcomes

Foundational Knowledge

The professional program leading to the Doctor of Pharmacy degree (hereinafter "the program") develops in the graduate the knowledge, skills, abilities, behaviors, and attitudes necessary to apply the foundational sciences to the provision of patient-centered care.

Key Element:

Foundational knowledge – The graduate is able to develop, integrate, and apply knowledge from the foundational sciences (i.e., biomedical, pharmaceutical, social/behavioral/administrative, and clinical sciences) to evaluate the scientific literature, explain drug action, solve therapeutic problems, and advance population health and patient-centered care.

Essentials for Practice and Care

The program imparts to the graduate the knowledge, skills, abilities, behaviors, and attitudes necessary to provide patient-centered care, manage medication use systems, promote health and wellness, and describe the influence of population-based care on patient-centered care.

Key Elements:

Patient-centered care – The graduate is able to provide patient-centered care as the medication expert (collect and interpret evidence, prioritize, formulate assessments and recommendations, implement, monitor and adjust plans, and document activities).

Medication use systems management – The graduate is able to manage patient healthcare needs using human, financial, technological, and physical resources to optimize the safety and efficacy of medication

use systems.

Health and wellness – The graduate is able to design prevention, intervention, and educational strategies for individuals and communities to manage chronic disease and improve health and wellness.

Population-based care – The graduate is able to describe how population-based care influences patient-centered care and the development of practice guidelines and evidence-based best practices.

Approach to Practice and Care

The program imparts to the graduate the knowledge, skills, abilities, behaviors, and attitudes necessary to solve problems; educate, advocate, and collaborate, working with a broad range of people; recognize social determinants of health; and effectively communicate verbally and nonverbally.

Key Elements:

Problem solving – The graduate is able to identify problems; explore and prioritize potential strategies; and design, implement, and evaluate a viable solution.

Education – The graduate is able to educate all audiences by determining the most effective and enduring ways to impart information and assess learning.

Patient advocacy – The graduate is able to represent the patient's best interests

Interprofessional collaboration – The graduate is able to actively participate and engage as a healthcare team member by demonstrating mutual respect, understanding, and values to meet patient care needs.

Cultural sensitivity – The graduate is able to recognize social determinants of health to diminish disparities and inequities in access to quality care.

Communication – The graduate is able to effectively communicate verbally and nonverbally when interacting with individuals, groups, and organizations.

Personal and Professional Development

The program imparts to the graduate the knowledge, skills, abilities, behaviors, and attitudes necessary to demonstrate self-awareness, leadership, innovation and entrepreneurship, and professionalism.

Key Elements:

Self-awareness – The graduate is able to examine and reflect on personal knowledge, skills, abilities, beliefs, biases, motivation, and emotions that could enhance or limit personal and professional growth.

Leadership – The graduate is able to demonstrate responsibility for creating and achieving shared goals, regardless of position.

Innovation and entrepreneurship– The graduate is able to engage in innovative activities by using creative thinking to envision better ways of accomplishing professional goals.

Professionalism – The graduate is able to exhibit behaviors and values that are consistent with the trust given to the profession by patients, other healthcare providers, and society.

**Adapted from the American Association Pharmacy's Center for the Advancement of Pharmacy Education (CAPE) Educational Outcomes, 2013.*

Admissions

Admission Requirements

- Completion of 60 semester credit hours of prerequisite coursework with a preferred 2.5 overall GPA on a 4.0 scale
- PCAT scores are recommended for applicants to enhance their academic profile.
- Two letters of recommendation. It is highly recommended that at least one letter of recommendation is written by a faculty member or a supervisor.
- Personal statement
- If selected, an on-site interview
- Criminal background check and drug screening, if admitted

Prerequisites

Subject	Course Title	Credits
Biology	Biology I w/Lab and Biology II w/Lab	8
Chemistry	General Chemistry I and II w/Lab, and Organic Chemistry I and II w/Lab	16
Anatomy & Physiology	Anatomy and Physiology	6
Math	Calculus or Business Calculus or Physics w/Calculus	3
Statistics	Statistics or Informatics or Digital Technology or Data Analysis or Computer Programming	3
English	English Composition I	3
Advanced Sciences	Any combination of the following: Cellular or Molecular Biology, Microbiology, Biochemistry, Genetics, Immunology, Medical Terminology, or similar coursework	6
Humanities and Social Sciences	Any combination of the following: Psychology, Sociology, Social and Behavioral Sciences, Anthropology, Humanities, Ethics, or similar coursework	6
Electives	Other Coursework in Math and/or Science, and/or Humanities: Public Speaking, Communications, Health-Care Related Sciences, Economics, English, Technology, Business, or similar coursework	9
	Total Hours	**60 hours**

1. The College of Pharmacy only accepts completion of coursework with a grade of C- or better. Any courses in which you received a D+, D, or D- must be retaken.

2. Larkin University (LU) College of Pharmacy (COP) Admissions Office will consider coursework taken at foreign institutions on a limited basis. The coursework must be evaluated for U.S. institution equivalence by an approved National Association of Credential Evaluation Services (NACES) organization such as World Education Services, Educational Credential Evaluators, Inc. and/or Josef Silny & Associates, Inc. For more information about foreign coursework please contact the COP Office of Admissions.

3. An applicant who has previously attend a Pharmacy program and applies to Larkin, will be reviewed by the Chair of the Admissions Committee, the Associate Dean of Student Affairs and Admissions (ADSAA) and the Director of Admissions. In lieu of a Dean's Letter, a phone call will be scheduled with the applicant, the ADSAA and the Chair to discuss the applicant's perspective on their previous attendance and how they have prepared to begin another pharmacy program.

4. All required pre-requisite coursework is based on semester credit hours. If your institution uses a quarter system, please note that 1 semester hour equals 1.5 quarter hours, or 1 quarter hour equals .6667 semester hours. To convert semester hours into quarter hours, divide the quarter credit hours by 1.5 or multiply the semester credit hours by 0.6667.

Admission Procedures

The procedure for applying for admission to Larkin University Doctor of Pharmacy program is as follows;

1. Complete the application through PharmCAS and indicate that your application should be sent to Larkin University College of Pharmacy
2. Submit official PCAT scores PharmCAS. We will accept PCAT scores up to five (5) years old.

Schedule of Application for Admissions Cycle

July	PharmCAS opens
August	Admissions Committee begins initial review of applications
October	Applicants begin to be invited for interview Admissions Committee
	begins review for admissions decisions
June	PharmCAS deadline to complete application
June	Pre-requisites must be completed
July	Orientation Week
July	First day of class

August Final transcripts due to Office of Admissions

The Admissions Committee of the College of Pharmacy will review completed applications on a regular basis. The initial review of completed applications will determine whether to invite the applicant for an on-campus interview.

- The initial review decision will be communicated to the applicant by email within five (5) business days of the Admissions Committee meeting.
- Applicants invited for interview must accept or decline the request within two weeks (14 calendar days) of notification of the decision.
- Post-interview, the Admissions Committee will review the full application and interview evaluations for each applicant to determine admissions status to the Doctor of Pharmacy program.
- The applicant will be notified of the committee's decision within seven (7) business days following the Admissions Committee meeting.
- Applicants will have two weeks (14 calendar days) to accept the offer of admission and place a $500 deposit, which is non-refundable and applied to tuition in the first semester.

Academic Calendar

FALL 2022

New Student Orientation	July 19th to July 21st
First Day of Instruction	July 25th
Labor Day Holiday	September 5th
Midpoint Remediation week	September 19th to September 23rd
Thanksgiving Holidays	November 21st to November 25th
End of Semester Remediation week	December 12th to December 16th
APhA Immunization Certificate Training -P1	a) Friday, September 30th: Immunization Self Study access opens. b) Friday, November 18th: Immunization in class activity, 1.00pm - 5.00pm. c) Saturday, November 19th: Immunization Live and Technique Demo, 8.00 am-3.00pm

SPRING 2023

First Day of Block Courses (P1 & P2)	January 2nd
Martin Luther King, Jr. Holiday	January 16th
Midpoint Remediation week	February 27th to March 3rd
End of Semester Remediation week	May 8th to May 12th
IPPE 1 (P1)	3/20/22 - 4/14/22
IPPE 2 (P1)	4/17/22 - 5/12/22

SUMMER 2023

First Day of Instruction (P1)	May 15th
Memorial Day Holiday	May 29th
4th of July Holiday Observance	July 4th
Remediation week	July 17th to July 21st

IPPE Block Calendar

This calendar applies to all site locations

Spring 2023

First IPPE Block	3/20/23-4/14/23*
Second IPPE Block	4/17/23-5/12/23*

*Each rotation block starts on a Monday. Students will report to their assigned sites on the dates indicated above. Attendance is mandatory
(Note: implementation of approved updates and or changes from the Office of Academic Affairs to the student handbook during the academic year will be informed to Office of Student Affairs and Admissions to be included as an addendum to this handbook will be informed to all LU-COP students and faculty.)

Academics

Definition of a Unit of Credit

- A didactic course, composed of 46 hours, is equivalent to 2.5 credit hours.
- A didactic course, composed of 40 hours, is equivalent to 2.25 credit hours.
- An experiential course credit hour is equivalent to 40 hours per week x 4 weeks and is assigned 4 credits (introductory pharmacy practice experiences)
- An experiential course credit hour is equivalent to 40 hours per week x 6 weeks and is assigned 6 credits (advanced pharmacy practice experiences)

Grading System

The grading system for academic performance in the College of Pharmacy appears below. Unless otherwise indicated, each grade earned is calculated into the student's cumulative grade point average (CGPA) and the credits assigned for the course taken are included in the calculation.

Block Didactic Courses

The cumulative course grade for block didactic course is dependent upon graded formatives (weighted content 25%) and the (weighted content 75%). The minimum score to demonstrate competency in cumulative course grades is 75%. The maximum grade that can be achieved in cumulative course grade is 100%.

ALL students must attain at least an overall 75% course grade to prove competency and pass the course. Students unable to attain an overall 75% course grade to prove competency will receive an "F" letter grade and will be offered an opportunity for remediation during this course's remediation week.

All students MUST fulfill the following 1 (one) criterion to be eligible for the 2% bonus points.

1. Complete the Course and faculty evaluations survey.

Student who does not fulfill the above criteria will not be awarded the two (2%) bonus points.

In remediations, students must meet the minimum competency of at least 75% individually to pass the course. Students are not eligible for the two (2%) bonus points and formative I and II scores to be added to their remediation score. The maximum grade allowed for a remediation will be 75%. The Appeals process is only applicable for remediation exams. Please refer to Larkin University College of Pharmacy Remediation Grade Posting and Appeal Process from the Office of Academic Affairs.

For students who pass via remediation, a notation will be provided on their transcript indicating the grade was achieved via remediation. Until the student passes remediation, the score obtained in cumulative course grade (graded formatives and summative assessment) will be posted in Canvas and CampusNexus.

Longitudinal Didactic Courses

Clinical Longitudinal Courses

The cumulative course grade for clinical longitudinal didactic courses can be a combination of the summative assessment and/or other required assessment(s) (e.g., quizzes, presentation, simulation, demonstration of clinical skills etc.). Each component in the course should have the specific percentage of the course grade indicated in the respective course syllabus. The minimum score to demonstrate competency in cumulative course grade is 75%. For students that do not achieve competency of 75% in cumulative course grade will receive an "F" letter grade and will be offered an opportunity of comprehensive summative remediation at the end of the semester, which requires an 75% to achieve competency. The maximum grade a student can obtain in remediation is 75%.

Introductory Pharmacy Practice Experiences (IPPE)

The course grade for IPPE courses are a combination of rotation assignment completion and preceptor evaluations. IPPE grades are pass/fail.

Advance Pharmacy Practice Experiences (APPE)

The course grade for APPE courses are a combination of rotation assignment completion and preceptor evaluations. APPE grades are percentage based. The highest percentage that can be achieved in an APPE is a 100%. In order to successfully pass an APPE, students must earn a minimum of 80% and complete all necessary assignments.

Grade Reports

All course grades will be recorded as a percentage in CampusNexus. Each transcript will report the percent earned in the course. Students may view final percentage earned online through their student portal at the end of each semester. Any error in grading, the omission of a course, etc. should be reported to the

Registrar within two weeks following the end of the semester. For employment, corporate reimbursement or other needs, a comprehensive registration statement may be requested from the Registrar.

Repeated Course

Students in the COP are not allowed to take a course once they have successfully achieved competency.

W Grade

A student who formally withdraws from the institution before the mid-point (50% or half-way point) of a course will be assigned a grade of W for the course. The W grade is not included in the calculation of the CGPA and the credits for the course are not included in the determination of total credits attempted.

Incomplete (Grade of I)

At the discretion of the instructor, a student may be assigned a temporary grade of incomplete (I) to allow the student more time to complete missing coursework to take a required exam. Upon completion of the work or exam, the earned grade replaced the grade of "I" and is calculated into the grade average for the level and for the CGPA. If the missing work or exam is not completed within the semester that the course is in, a grade of "F" will be assigned and completed into the final grade average for the course and into the CGPA.

Recording of Final Grades

All course grades will be recorded as the percentage grade earned in CampusNexus. Each transcript will report the percent earned in the course.

Recognition of Honors

The top 10% of students each semester (non-cumulative) will be included in the Dean's List.

Grade Appeals

Didactic Coursework

All students are recommended to attend the post summative assessment review session which will take place in the afternoon of a typical summative assessment day. Students will have the opportunity to discuss the content related to the summative with the appropriate faculty. By the end of the review session, the assessment scores will be final. No appeals will be considered for the summative assessment.

Grades for remediation exams may be appealed by 5PM the next business day following posting of the grade by means of an email communication addressed to the faculty, with the Course Director copied on the communication. Only those students that did not meet competency (75%) in Remediation are eligible for appeals process. Criteria to be eligible for appeal: 1. Earning a 70% or above as an individual grade in Remediation 2. Ability to appeal a maximum of three (3) questions from the Remediation exam. The student must include details that include why the student believes the correct answer is not the only correct answer with support by information provided ONLY in the course, required or recommended reading. The Course Director must respond with a decision about the appeal by 5PM the next business day following receipt of the original appeal (level I). The student can appeal the decision of the Course Director to the Assistant/Associate Dean for Academic Affairs (ADAA) by 5PM the next business day (level II)

following receipt of the Course Director's decision. The ADAA must respond to the student appeal with a decision about the appeal in 24 business hours following receipt of the of level II appeal.

Experiential Coursework

A student may appeal an assigned grade within 3 business days of the posting of that grade in experiential courses, by means of written communication addressed to the Assistant Dean of Experiential Education (ADEE). The ADEE will provide a response within one week. If the appeal is denied by the ADEE, the student may appeal to the ADAA within 24 hours of the decision.

Academic Standing

To be in good academic standing in Pharmacy (COP) a student must not be on academic probation or be subject to academic dismissal.

A student is considered to be "not in good academic standing" when any one of the following apply:

- The student is on academic probation;
- The student withdraws while on academic probation;
- The student is subject to a required LOA, suspension or academic dismissal. The latter can occur due to any one of the following circumstances:
- The student did not attain competency on two remediation assessments;
- The student did not attain competency on one introductory pharmacy practice experience (IPPE);
- The student did not attain competency on three advanced pharmacy practice experiences (APPE);
- The student did not attain competency upon remediation of any one APPE.

Probation

A student placed on probation is considered at risk of not completing the program and thus is no longer in good academic standing. Students on probation are not permitted to run for an elected office within any COP student organization. If the student currently holds an office, it may be in their best interest to resign from the position in order to focus on the probation concerns. Students on probation are not permitted to receive travel funding from the COP. Any other restrictions or requirements will be determined on an individual basis and described in the Student Progression and Professionalism Committee (SPPC) letter.

Student progress will be monitored, and additional actions may be required to increase the probability of the student's success. The status of "Probation" will be indicated on the student's transcript during the time they are actively on probation. Once the student returns to good academic standing, the transcript will no longer reflect the probation status.

The SPPC will review probation cases based on the time parameters indicated in the SPPC letter. Any additional early alerts or documented concerns will be reviewed to determine the students' academic standing.

Suspension

If a student is suspended, SPPC will specify the requirements under which re-entry into the program will be allowed. The status of "Suspension" will be permanently indicated on the student's transcript.

A student who was suspended from the program may request re-entry to the program at the same semester in which they were suspended of the next academic year. The student must submit an Intent to Return form to the registrar. If the SPPC letter indicates documentation is required, it must be submitted with the intent to return form.

The timely submission of required documents after suspension does not guarantee re-entry. Re-entry will be considered by the Assistant/Associate Dean for Academic Affairs (ADAA) in consultation with the Assistant/Associate Dean for Student Services and Admission (ADSAA) and SPPC. Decisions will be made on a case-by-case basis.

Students who re-enter the program after suspension will be on probation for at least 1 semester. Academic, professional, and behavioral compliance in accordance with the Technical Standards and Code of Conduct will be closely monitored by the student's faculty advisor, the ADAA and the ADSAA.

Dismissal

If a student is dismissed, they may choose to re-apply to the program. There is no opportunity for re- entry through the SPPC.

Policy on Leave

Required Leave of Absence

While a student may request a voluntary Leave of Absence (LOA), the SPPC may also require a student to take a LOA if, in the judgment of the SPPC, the circumstances warrant such leave. Situations that may be considered for a required LOA include, but are not limited to, substance use/abuse, mental health issues, or other impairment that would require treatment and/or outside resources. There will always be specific requirements by which the student must abide to return to the program. Whether a required LOA or voluntary LOA, the student's transcript will reflect "Leave of Absence" to protect the student and to serve as an alternative to suspension, which is a more significant sanction.

Readmission Requirements for Required Leave of Absence

The SPPC Chair or Vice Chair and the ADSAA will jointly meet with the student to convey this decision verbally and in writing. The SPPC letter will outline the necessary requirements to be taken in order to be considered for re-entry to the program the following year. The student must inform the ADSAA, in writing, at least 30 days before the start of the semester, of their wish to return to the program and indicate whether they have complied with all requirements. If the student does not comply with all requirements, or if they do not indicate their intent to return in a timely manner, they will be withdrawn from the program. However, completion of the requirements does not guarantee re-entry into the program, as the matter has to be evaluated by SPPC.

SPPC and/or the ADSAA will specify the requirements under which re-entry into the program will be allowed. The student must submit an intent to return form to the registrar. If the SPPC letter indicates documentation is required, it must be submitted with the intent to return form. The student is only required to retake the courses in which they did not obtain competency.

A student who was required to take a LOA may request re-entry to the program by means of a letter addressed to the ADSAA, indicating that they have complied with all requirements and referencing the letter which required that they take a LOA (provide date of letter).

Students who re-enter the program after a required leave if absence will be on probation for at least 1 semester. Academic, professional, and behavioral compliance in accordance with the Technical Standards and Code of Conduct will be closely monitored by the student's faculty advisor, the ADAA and the ADSAA.

Voluntary Leave of Absence

A student may request a voluntary LOA by means of a letter addressed to the ADSAA. The student will receive a letter from the ADSAA within 15 days of receipt of the student's request. The ADSAA's letter will indicate the necessary steps for returning to the program the following year. The student must inform the ADSAA, in writing, at least 30 days before the start of the semester, of their wish to return to the program and indicate whether they have complied with all requirements. If the student does not comply with all requirements, OR if they do not indicate their intent to return in a timely manner, they will be withdrawn from the program.

However, completion of the requirements does not guarantee re-entry into the program, as the matter must be evaluated by ADSAA.

Process for Voluntary Withdrawals

Students withdrawing from Larkin University (LU) College of Pharmacy (COP) must do so officially by submitting the Withdrawal Form to the following individuals for a signature:

- The Assistant/Associate Dean of Student Affairs and Admissions(ADSAA)
- The Assistant/Associate Dean for Academic Affairs(ADAA).

After both signatures have been obtained, the student must submit the form to the Director for Financial Services (DFS) who will counsel the student on their financial responsibilities to the school and the loan provider. The DFS will send the completed form to the Registrar for final processing.

It is the responsibility of the student to initiate a withdrawal, otherwise, an F grade will be issued at the end of the block and/or term. Students who withdraw from the program will not be permitted to return to the program without written permission from the ADAA, and they must reapply.

Code of Conduct

The Code of Conduct is defined as the written document outlining the requirements of student conduct related to academic honesty and professional behavior. The Code of Conduct applies to students enrolled in the Doctor of Pharmacy Program.

Professionalism is fundamental to the practice of pharmacy and is a core competency of the ACPE standards and LU's COP curriculum. As a measure of progression through each of the courses within the Doctor of Pharmacy curriculum, the following competencies have been developed to ensure students' learning and understanding of the expectations of a pharmacist.

- Academic Honesty, Civility, and Respect – Students, faculty, and staff are collectively responsible for creating a civil, respectful, and productive learning environment in didactic, lab, and experiential (IPPE/APPE) settings. Students are expected to treat their fellow students, faculty, staff, patients and the public with dignity and respect, and to respect the rights, privacy and confidentiality of others. Students will actively participate in educational experiences that expand their professional competencies.

- Attendance – Attendance and full attention and participation during didactic, experiential learning experiences, and co-curricular activities is expected. Students who know that they will be absent are still responsible for the content covered and must request an excused absence in order to communicate with the faculty regarding how to stay on track or makeup any missed work. Unexcused absences and persistent tardiness will result in an early alert report to determine the cause of the absence/tardiness and determine the appropriate sanction and/or support for the student.
- Communication – All communication, including verbal, electronic, and other written communication is expected to be conducted with respect and to follow accepted professional norms of communication. Students are expected to accept and provide constructive feedback. Students are required to check their ularkin email account daily and to respond promptly.
- Responsibility/Accountability – Students are responsible for their own learning as well as for seeking assistance when needed. An important aspect of professionalism is for students to know their limitations and to ensure their successful progression by acknowledging the need for assistance either academically, personally, or professionally. Students will be accountable for their decisions and actions, while protecting patient confidentiality and trust.
- Integrity – Students are expected to be honest and trustworthy in their academic and professional endeavors. Students will make decisions based upon sound evidence that is in the best interest of patients. As a student pharmacist, it is your obligation to ensure the safety of patients by maintaining your own expectations of professionalism, as well as protecting the integrity of your peers. Any concerns about another student's academic, professional, behavioral, or emotional situation must be addressed through the Office of Student Affairs and Admission (OSAA), Early Alert Program (EAP), your advisor, or any of the Assistant/Associate Deans.
- Compassion – Students will be empathetic to the values and perspectives of patients and their caregivers and will respond patients' needs in a safe and effective manner. Students will advocate for the profession of pharmacy as well as for patients and will promote the use of safe and cost - effective medications.
- Use of technology and social media – Students are expected to use technology as appropriate within and outside of the classroom and clinical environment. Students recognize the privilege and responsibility of joining the profession of pharmacy and, as such, agree to hold themselves to the highest standards at all times, and within all environments, including their presence on social media. Within the classroom and clinical environments students are expected to keep their phones on silent mode to minimize distraction. It is also expected that during class and experiential (IPPE/APPE) time, students will not utilize their phones or other devices for personal use, except in case of an emergency.

Violation of the Code of Conduct

Academic Dishonesty

Academic Dishonesty is defined by the following actions:

- Cheating

When a student who does not do his or her own work on an academic exercise, except when clearly defined by the instructor as a group exercise, or when a student otherwise gains an unfair advantage over his or her peers. This includes, but is not limited to:

- Bringing to an assessment any books, notes, scraps of paper or information in any format that is intended to unfairly aid the student (or other students) during the assessment/remediation;
- Receipt of unauthorized material from another student;
- Passing of unauthorized material to another student;
- Bringing into the assessment/remediation any unauthorized electronic device, such as a cellular phone or smart watch;
- Any communication with another student during an individual assessment/remediation;
- Any communication with another student about the individual assessment following completion of the individual assessment and prior to the group assessment;
- Any communication with another student or between assessment groups about assessment questions prior to or during the group assessment;
- Reference to notes, books etc. while on a bathroom break;
- Intentionally seeking information from another student's computer screen or notes on scratch paper;
- Intentionally positioning your computer or scratch paper to allow viewing by another student.

Definition of Plagiarism

Defined by Webster's dictionary as "to steal and pass off words of another as one's own; to use another's production without crediting the source." Plagiarism can be either intentional or unintentional. An unintentional violation can occur when a student is unaware of correct citation practices in the writing of a paper, project, or presentation. To avoid such unintentional plagiarism, students must familiarize themselves with the appropriate process for crediting sources. This process must be maintained in all facets of the professional program. This includes preparation and submission of any course related documents (i.e. written documents), presentations (including PowerPoint slides), and electronic submissions to a student's portfolio. It should be noted that this includes all activities associated with performance in the experiential education, co-curricular, and extra-curricular environments. Academic honesty and integrity also apply to all other programmatic activities. This includes, but is not limited to, award applications, scholarship applications, or any document or submission related to a student's involvement in the program (e.g., academic appeal). Areas that require special attention include the following:

- While proper citation methods will be taught, students are responsible for understanding how to avoid plagiarism. Students must properly acknowledge and cite all use of the ideas, data and conclusions of other authors. Failure to do so is considered plagiarism.
- All contributors to a piece of work must be acknowledged.
- When the exact words of another person are used, these must be stated within quotation marks and a reference provided. Failure to do so is considered plagiarism. In the internet age, it is easy to cut and paste another person's writing, but it is wrong to do so without proper acknowledgement, as described above. Failure to do so may also be illegal in that the copyright laws may have been infringed.
- Not using duplicate submissions such as turning in a paper for more than one class or using the same journal club for multiple rotations

Falsification and Fabrication

Fabrication is considered to be consciously manufacturing or manipulating information in a false manner. Falsification is considered to be willfully providing false, misleading, or incomplete information.

- Failing to Respect Confidentiality - Students will respect the privacy of all members of the LU community and maintain patient confidentiality and dignity.
- Discrimination – Discrimination and harassment will not be tolerated. Students are not permitted to treat persons or patients differently because of race, creed, color, national origin, age, sex, disability, sexual orientation, gender identity, or any other classification that deprives the person of consideration as an individual.
- Incivility – Behaviors and language that willfully disrupt the learning environment, are discriminatory or unprofessional by the standards of the College or other students, may be in violation of the Code of Conduct.

Graduation Requirements

The following are the requirements for graduation with a Doctor of Pharmacy degree from the Larkin University College of Pharmacy (COP):

- Completion of pre-pharmacy course requirements (63 credit hours) as described in the Admission Requirements.
- Completion of all Doctor of Pharmacy courses, including didactic courses, elective courses, and introductory and advanced pharmacy practice experiences (IPPEs and APPEs), as described in the curriculum (141 credit hours).
- Completion of required co-curricular components of the program.
- Demonstrate competency in the required knowledge and skills prior to starting APPEs.
- Meet the technical standards of the COP which include requirements for maintaining professionalism, mental and emotional health, and ethical standards in didactic and experiential settings.
- Pay all fees and financial obligations to LU.
- Complete the requirements of the Doctor of Pharmacy degree within 5 years of initial enrollment at the college.
- In keeping with pharmacy tradition, be recommended for the degree by the faculty of the COP.

In order to become a licensed pharmacist, the graduate must pass both the national pharmacy licensing examination and a state licensing examination for the state in which the graduate desires to practice.

Course of Study

Curriculum Outline

Curriculum Outline AY 2022 -2023

Course Number	Course Title	Credit Hours
Year 1 Fall Semester		
PH 501 – B1	Introduction to Pharmacy	2.5
PH 503 – B2	Molecular Biology and Genetics	2.5
PH 502 – B3	Medical Biochemistry	2.5
PH 505 – B4	Ethics and Law	2.5
PH 507 – B5	Medicinal Chemistry, Pharmacology and Toxicology I	2.5
PH 504 – B6	Pharmaceutics I with extemporaneous compounding	2.5
PH 509 – B7	Pharmacy Practice and Interprofessional and Patient Communications	2.5
PH 506 – B8	Pharmaceutics II with Aseptic Technique	2.5
PH 512 – B9	Biopharmaceutics and Pharmacokinetics	2.5
PH 522	Immunization Certification	0.5

Year 1 Spring Semester		
PH 513 – B1	Medicinal Chemistry, Pharmacology and Toxicology II	2.5
PH 508 – B2	Nonprescription Medicine and Self-Limiting Diseases	2.5
PH 514 – B3	Pulmonary Disorders	2.5
PH 515 – B4	Endocrine and Metabolic Disorders	2.5
PH 516 – B5	Research Methodology and Literature Evaluation I	2.5
PH 510 – B6 (and B7)	Introduction to Pharmacy Practice Experiences I Community	4
PH 511 – B8 (and B9)	Introduction to Pharmacy Practice Experiences II Health Systems	4

Year 1 Summer Semester		
PH 517 – B1	Bone and Joint Disorders, Dermatology, EENT	2.25
PH 518 – B2	Men's and Women's Health (Gynecological, Obstetric, Urologic Disorders)	2.25
PH 521 – B3	Practice Management and Informatics	1.0
PH 519 – B4	Renal Disorders	2.25
PH 520 – B5	Cardiovascular Disorders I	2.25
540 – L	Integrated Pharmacotherapy Course Sequence I	1.0

YEAR 2 Fall Semester		
PH 601 – B1	Cardiovascular Disorders II	2.25

PH 602 – B2	Cardiovascular Disorders III	2.25
PH 609 – B3	Pharmacoeconomics, Pharmacoepidemiology, Policy and Outcomes	2.25
PH 618 – B4	Literature Evaluation II and Doctoral Seminar	2.25
PH 603 – B5	Neurologic and Psychiatric Disorders I	2.25
PH 604 – B6	Neurologic and Psychiatric Disorders II	2.25
PH 605 – B7	Neurologic and Psychiatric Disorders III	2.25
PH 608 – B8	Gastrointestinal Disorders	2.25
PH 610 – B9	Nutrition and Nutritional Disorders	2.25
PH 640 – L	Integrated Pharmacotherapy Course Sequence II	2.0

Year 2 Spring Semester		
PH 611 – B1	Microbiology, Immunology and Infectious Origin Disorders I	2.25
PH 612 – B2	Infectious Origin Disorders II	2.25
PH 613 – B3	Infectious Origin Disorders III	2.25
PH 614 – B4	Infectious Origin Disorders IV and APhA Immunization Training Module	1.25
PH 606 – B5	Hematologic and Oncologic Disorders I	2.25
PH 607 – B6	Hematologic and Oncologic Disorders II	2.25
PH 615 – B7	Treatment of Special Populations and Critical Care	2.25
PH 616 – B8	Elective I	2.25
PH 617– B9	Elective II	2.25
PH 641 – L	Integrated Pharmacotherapy Course Sequence III	2.0

Year 3 Summer, Fall, and Spring Semester		
PH 701	APPE – Ambulatory Patient Care	6
PH 702	APPE – General Medicine Patient Care	6
PH 703	APPE – Hospital/Health Systems Pharmacy	6
PH 704	APPE – Community Practice	6
PH 705	APPE – Patient Care Elective I	6
PH 706	APPE – Patient Care Elective II	6
PH 707	APPE – Elective	6
PH 708	NAPLEX Preparation	1.0
TOTAL		**141**

Course Descriptions

CMB 505 Laboratory Techniques & Equipment (3)

The course examines the theory and methods used in a clinical laboratory to analyze biological specimens. Techniques and automated equipment are studied relative to biochemical, biological and molecular tests.

CMB 510 Detection of Bacteria, Viruses, Fungi & Parasites (3)

The course investigates the numerous techniques used to differentiate micro-organisms, pathogens and parasites. Methods used to detect include microscopy, tissue culture and cytopathic effects, DNA and RNA amplification, microarrays, sequencing, serology and immunoassays.

CMB 520 DNA, RNA and Immunological Methods (3)

The course immerses the student in the world of molecular diagnostics with a focus on DNA, RNA and antibody-based methods. Principles of DNA amplification (Polymerase chain reaction or PCR) are studied in detail including reverse-transcription PCR, quantitative PCR and real-time PCR. Western methods, ELISAs and Immunological methods are also studied and compared to DNA and RNA methods.

CMB 530 Molecular Biology of Cancer (3)

The course is an in-depth study of the molecular mechanisms that lead to different types of cancer. Gross changes in chromosomal translocations are studied along with single-nucleotide polymorphisms and how each are detected and used to identify cancer risks. Viruses and oncogenes are also examined along with alterations in the normal cell cycle. The latest molecular techniques used to screen for cancer and to diagnose cancer are also evaluated and compared to traditional methods.

CMB 540 Hematology & Histology (3)

The course examines the staining methods and techniques used to identify cellular structures and functions of the cell. Blood and specific tissues are analyzed at the microscopic level to examine morphological features and identify organelles that function in the role of the cells or tissues. Pathological effects on the cells are also examined relative to infectious disease.

MSB 503 Biochemistry (4)

Biochemistry provides an introduction to the fundamental aspects of Biochemistry. It gives an overview of the structure, function and metabolism of biologically important molecules, carbohydrates, fatty acids, proteins and nucleic acids. Enzyme kinetics, allosteric inhibition, enzyme inhibition and control are considered in detail. The course concludes with a review of amino acid metabolism. Throughout, the emphasis is placed on the regulation of metabolic pathways and on their interrelationships in health and disease etiology, diagnosis and treatment. Cell membranes and the structure, function and replication of the cell's genetic material are described. The digestion and absorption of nutrients is reviewed, and the consequences of malfunction considered. A number of disease states are used to illustrate selected principles including the relationship between nutrition and disease, atherosclerosis, hyperlipidemia, obesity and diabetes. The application of clinical biochemistry techniques to disease diagnosis is described and the bio- chemistry of exercise and aging visited.

MSB 505 Frontiers in Medicine (1)

This course covers contemporary topics in medicine with guest lecturers who are experts in their field of

study.

MSB 513 Immunology (3)

This course presents fundamental concepts of immunology and the role of the immune system in health and disease, and the use of serological and antibody-based methods in the clinical lab. A Review of the biological effects of immunologic reactions, antibody formation and interactions, and immunological specificity of normal and diseased cells and tissues will be discussed.

MSB 514 Medical Microbiology (3)

The fundamentals of microbial physiology, genetics and immunology are presented with important bacterial, viral, parasitic and mycotic infections discussed from the standpoint of etiology, epidemiology, and pathogenesis and laboratory diagnosis. Treatment, prevention, and control of microorganisms are also discussed.

MSB 520 Molecular Genetics (4)

This course discusses the genetic influences that affect the course of human development from reproduction through the prenatal, neonatal, pediatric, adolescent, and adult periods. Screening protocols, gene therapy, and new treatment modalities are covered including pharmacogenomics and epigenetics.

MSB 540 Pathophysiology (4)

This course is designed to promote understanding and application of fundamental disease processes in clinical settings. It is a systematic study of disease processes involving relationships between pathophysiological changes and clinical manifestations. Students will study the essential mechanism and sequence of events leading to the development and functional changes associated with disease process. General concepts of diseases, including etiology, pathogenesis, morphology and biochemistry will be discussed. General pathophysiology concepts including cell injury, necrosis, inflammation, wound healing, and neoplasia will be explored.

MSB 550 Human Anatomy (4)

An intensive study of the human anatomy that emphasis the gross structural anatomy of the human body and correlation to clinical medicine. The human body will be correlated with surface anatomy, radiology, osteology and other relevant clinical information.

MSB560 Human Physiology (4)

This course is a comprehensive study of the function and regulation of human organ systems of the body and physiological integration of the systems to maintain homeostasis. Course will include neural & hormonal homeostatic control mechanisms, and study of the musculoskeletal, circulatory, respiratory, digestive, urinary, immune, reproductive, endocrine systems and fluid electrolyte balance.

MSB 589 Professional Development Seminar (1)

This course will prepare students to develop and compose applications, personal statements, curriculum vita/resumes, and cover letters necessary for successful application and matriculation to professional schools. Students will identify their strengths, skills and experiences that are most beneficial to their personal school professional choices. Practice presentations and interviews will be conducted to allow

students to improve chances of acceptance

MSB 590 Clinical and Scientific Presentation (1)

This course culminates in the demonstration of student learning outcomes in critical thinking, communication and professionalism by development of patient or scientific poster and oral presentation of topic in their field of study.

MSB 591 Research 1 (4)

A research project under the guidance of an advisor with input from a Thesis Committee. The committee will consist of Advisor, Dean and one other faculty member. Prior to the start of the project the committee must approve specific guidelines and protocols. The research student is expected to commit 160 hours or more a term to the research project documenting experiments, data and data analysis in a laboratory notebook or tablet. The project may occur in a laboratory, in the medical field, or clinic.

MSB 592 Research 2 (4)

Research project continuing from 591 Research 1. Again, the research student is expected to commit 160 hours or more a term to the research project documenting experiments, data and data analysis in a laboratory notebook or tablet. The research student is expected to commit 160 hours or more a term to the research project documenting experiments, data and data analysis in a laboratory notebook or tablet. The project may occur in a laboratory, in the medical field, or a clinic. Data analysis will be presented as a poster or presentation, and a final thesis will be written and evaluated by the Thesis Committee.

MSB 595 Biostatistics (4)

The course in Biostatistics is essential to ensuring that findings and practices in public health and biomedicine are supported by reliable evidence. This course covers the basic tools for the collection, analysis, and presentation of data in all areas of public health.

MSB 680 Fundamentals of Addiction (3)

This course includes the history, epidemiology, diagnosis and classification of addiction.

MSB 681 Neuro-biology of Addiction (3)

This course includes the neuro-imaging, neuro-biology and role of the brain in addiction. It also includes a review of current research with the addiction field through clinical presentation.

MSB 682 Clinical Aspects of Addiction (3)

This course will identify numerous addictions in both the U.S. and worldwide and how they are recognized. A review of behavioral addictions will be included in this course.

MSB 683 Addiction Treatment & Clinical Management (3)

This course will focus on addiction treatment and application and include behavioral treatment , group treatment and specific settings as well as pharmacotherapy.

MSBC 581 Applications of Medical Science in Diagnosis, Treatment & Documentation of Disease (4)

This course will provide students a comprehensive review of the medical sciences by organ system, and a review of the patient encounter (including patient interview, physical examination and documentation). The organ system reviews will include: Cardio, Respiratory, GI, Neuro, Dermatology and others as

recommended. Students will work as a group on patient presentations within the system and be expected to articulate the medical science behind the disease and the standard treatment recommended and appropriate documentation. An assessment of medical science knowledge will be completed at the end of each organ system.

MBSC 582-1 Clinical Applications of Medical Science I (4)

This course will provide students an opportunity to demonstrate the application of upper level graduate medical science knowledge such as, Anatomy, Physiology, Pathophysiology, etc. through participation in clinical experiences in a hospital setting. Students will be expected to participate in patient care, didactic experiences, morning report, call, and other hospital/patient responsibilities as directed. Students will also participate in weekly science content reviews at Larkin University.

MBSC 582-2 Clinical Applications of Medical Science II (4)

This course will provide students an opportunity to demonstrate the application of upper level graduate medical science knowledge such as, Anatomy, Physiology, Pathophysiology, etc. through participation in clinical experiences in a hospital setting. Students will be expected to participate in patient care, didactic experiences, morning report, call, and other hospital/patient responsibilities as directed. Students will also participate in weekly science content reviews at Larkin University.

MSBC 582-3 Clinical Applications of Medical Science III (4)

This course will provide students an opportunity to demonstrate the application of upper level graduate medical science knowledge such as, Anatomy, Physiology, Pathophysiology, etc. through participation in clinical experiences in a hospital setting. Students will be expected to participate in patient care, didactic experiences, morning report, call, and other hospital/patient responsibilities as directed. Students will also participate in weekly science content reviews at Larkin University.

MSBC 582-4 Clinical Applications of Medical Science IV (4)

This course will provide students an opportunity to demonstrate the application of upper level graduate medical science knowledge such as, Anatomy, Physiology, Pathophysiology, etc. through participation in clinical experiences in a hospital setting. Students will be expected to participate in patient care, didactic experiences, morning report, call, and other hospital/patient responsibilities as directed. Students will also participate in weekly science content reviews at Larkin University.

MBSC 583 US Healthcare System (2)

This course will provide a comprehensive overview of the US healthcare system, components, how it is funded as well as services provided. It will explore various operations and components of the healthcare system, as well as the overall functions within points of care. The overview will continue with an overview of careers within the variety of healthcare settings including management, budget, legal, patient care, diagnosis, etc. A comparison of healthcare across the world to the US healthcare system will be incorporated into study. The course will conclude with an examination of the economic impact of healthcare and healthcare training on the overall economy of a city, state and country.

MSBC 584 Medical Spanish (2)

This course will focus on developing the skills to complete a patient interview and patient communication in Medical Spanish to enhance the doctor-patient relationship.

PCTB 520: Research Design, Ethics, and Implementation (3)

This course covers topics on the different phases of experimental design, developing a question, developing surveys, determine sampling strategies, and techniques and technologies to implement into the studies of both quantitative or qualitative nature. The course also compares the advantages and disadvantages of different qualitative and quantitative study designs, and how to integrate different quantitative and qualitative approaches in different studies. It also discusses the importance of research ethics and its implementation at different stages of a study.

PCTB 541: Grant Writing in Human Health Research (3)

Elaborates on the different aspects of grant writing and the how to write successful grant proposals.

PTCB 570 Introduction to Clinical Informatics (4)

Covers and compares different health care systems, including how they were developed, modified, and currently being implemented.

PH 501-B1 Introduction to Pharmacy (2.5)

This course orients the student to core areas of the Pharmacists' Patient Care Process, career pathways and the regulation of pharmacy profession. The students become knowledgeable about Larkin University programs and are engaged in learning foundational mathematical concepts that are applied to medication therapy management and patient care. Students are introduced to the historical perspectives of the evolution of pharmacy, the impact of technology on practice, and the role of pharmacists in the health care team. Students begin the development of their professional identity in this course.

PH 502-B3 Medical Biochemistry (2.5)

This course introduces students to foundational basic science knowledge of biomacromolecules, enzymology and enzyme kinetics, metabolic pathways, nucleic acid metabolism and protein synthesis. This course also emphasizes bioanalysis and clinical chemistry.

PH 503-B2 Molecular Biology and Genetics (2.5)

The goal of this course is to provide students with principles of basic molecular biology, genetics, and biochemical basis of human diseases. The students are introduced to processes occurring within cells, such as DNA synthesis, protein synthesis, and regulation of gene activity that affect disease states.

PH 504-B6 Pharmaceutics I with extemporaneous compounding (2.5)

This course introduces students to the theory and principles of dispensing pharmacy, which includes formulating, designing, compounding, and evaluating dosage forms and drug delivery systems in a laboratory setting. Pharmacy calculations as required for compounding and patient dosing is examined. The course also introduces the concepts of good manufacturing practice, quality control, stability, and drug compendial standards.

PH 505-B4 Ethics and Law (2.5)

This is an introductory course describing health care laws that impact pharmacy at the state and federal levels. The student learns the role of ethics in professional practice and its application in Pharmacists' Patient Care Process. This course carries on the development of professional identity.

PH 506-B8 Pharmaceutics II with Aseptic Technique (2.5)

This course introduces students to advanced dosage forms for specialized drug delivery, and formulations of sterile dosage forms (e.g., injections and eye drops). The sterile admixture techniques are explained including United States Pharmacopoeia Chapter 797 (USP 797), stability and sterility testing and dating, clean room requirements and infusion devices andcatheters.

PH 507-B5 Medicinal Chemistry, Pharmacology/Toxicology I (2.5)

This course introduces basic principles and functional aspects of a drug molecule that can alter the activity of a medication leading to changes in metabolic pathways. The students are educated on dose response curves, quantitative characteristics of drug-receptor interactions including chemical and physiological factors of drug's absorption, distribution, metabolism, and excretion.

PH 508-B2 Nonprescription Medicine and Self-Limiting Diseases (2.5)

This course introduces the students to concepts surrounding the assessment of patients with self-limiting diseases and discusses the utility of nonprescription medications in this patient population. The course includes case based clinical paradigms and inter-professional aspects necessary for pharmacists to facilitate Pharmacists' Patient Care Process for this specific patient population.

PH 509-B7 Pharmacy Practice and Interprofessional and Patient Communications (2.5)

This course introduces students to communication and leadership strategies necessary to facilitate interactions between pharmacists, patients, and other members of the healthcare team. The course involves simulation experiences that will expose students to clinical scenarios that occur in daily professional practice. Students continue to develop their professional identity and practice incorporating these techniques into their daily activities of the course.

PH 510-B6 Introduction to Pharmacy Practice Experiences I Community (4)

This course provides the students with the basic knowledge needed to participate in the drug distribution process in a community pharmacy. Students apply the didactic information to adapt themselves to real-world, off-campus community pharmacist activities, assignments, and reflections. This course allows them to enhance and develop their professional maturity and communication skills. Successful completion of IPPEs is required for progression through the scheduled curriculum and leads towards the next phase of experiential education, advance pharmacy practice experience (APPE).

PH 511-B8 Introduction to Pharmacy Practice Experiences II Health Systems (4)

This course provides the students with the basic knowledge of the drug distribution process in an institutional/health systems pharmacy. Students apply the didactic information to adapt themselves to real-world, off-campus institutional/health systems pharmacist activities, assignments, and reflections. This course allows them to enhance and develop their professional maturity and communication skills. Successful completion of IPPEs is required for progression through the scheduled curriculum and leads towards the next phase of experiential education, advance pharmacy practice experience (APPE).

PH 512-B9 Biopharmaceutics and Pharmacokinetics (2.5)

This course is an introduction to basic principles of in vivo drug kinetics (pharmacokinetic-pharmacodynamic interface). It engages students to understand principles of bioavailability/bioequivalence, physiologic determinates of drug onset and duration in absorption, distribution, metabolism, and excretion of a drug.

PH 513-B1 Medicinal Chemistry, Pharmacology and Toxicology II (2.5)

This course material covers the general mechanisms of action and the role of pharmacology in selection of a particular drug for treating the disease. It provides understanding of toxicity, drug-drug interactions, and the role of enzyme induction and inhibition in absorption, distribution, metabolism, and excretion of a drug molecule. Students gain understanding of the role of transporters and pharmacogenomic principles in drug response.

PH 514-B3 Pulmonary Disorders (2.5)

This is an integrated course that introduces students to the principles of pharmacotherapy for Pulmonary disorders. It builds upon the concepts of foundational basic science, and social and administrative sciences. The goal is to facilitate the application of pharmacotherapy topics for pulmonary disorders in Pharmacists' Patient Care Process.

PH 515-B4 Endocrine and Metabolic Disorders (2.5)

This is an integrated course that introduces students to the principles of pharmacotherapy for endocrine and metabolic disorders. It builds upon the concepts of foundational basic science, and social and administrative sciences. The goal is to facilitate the application of pharmacotherapy topics for endocrine and metabolic disorders in Pharmacists' Patient Care Process.

PH 516-B5 Research Methodology and Literature Evaluation (2.5)

This course engages students in application of basic biostatistical concepts to evaluate studies published in medical and pharmacy journals. It emphasizes the conduction and interpretation of statistical tests as applied in clinical research.

PH 517-B1 Bone and Joint Disorders, Dermatology and EENT (2.25)

This is an integrated course that introduces students to the principles of pharmacotherapy for bone and joint; dermatology; and eye, ears, nose, and throat (EENT) disorders. It builds upon the concepts of foundational basic science, and social and administrative sciences. The goal is to facilitate the application of pharmacotherapy for bone and joint, dermatology, and EENT disorders in pharmacists' patient care process.

PH 518-B2 Men's and Women's Health (Gynecological, Obstetric and Urologic Disorders) (2.25)

This course introduces students to the principles of pharmacotherapy for disorders related to men's and women's health. It integrates the concepts of foundational science, clinical, and social and behavioral sciences to learn pharmacotherapy. The goal is to facilitate the application of pharmacotherapy topics for Gynecological, Obstetric and Urologic Disorders in pharmacists' patient care process.

PH 519-B4 Renal Disorders (2.25)

This is an integrated course that introduces students to the principles of pharmacotherapy for renal disorders. It builds upon the concepts of foundational basic science, and social and administrative sciences. The goal is to facilitate the application of pharmacotherapy for renal disorders in pharmacists' patient care process.

PH 520-B5 Cardiovascular I (2.25)

This is an integrated course that introduces students to the principles of pharmacotherapy for cardiovascular disorders. This is the first of a series of three cardiovascular courses with emphasis on hypertension and dyslipidemia. It builds upon the concepts of foundational basic science, and social and administrative sciences. The goal is to facilitate the application of pharmacotherapy for hypertension and dyslipidemia in pharmacists' patient care process.

PH 521-B3 Practice Management and Informatics (1)

This course introduces the students to concepts of innovation and entrepreneurship, leadership and management, and informatics and automation in pharmacy practice. It emphasizes the skills required to effectively lead or manage personnel in pharmacy practice settings.

PH 522 - APhA Immunization Certificate Training (0.5)

This course is a certification training program to prepare pharmacists with comprehensive knowledge, skills, and resources necessary to provide immunization services to patients across the life span. The course requires students to complete the immunization-training module provided by the American Pharmacists Association (APhA) based on national educational standards from the Centers for Disease Control and Prevention.

PH 540-L Integrated Pharmacotherapy Course Sequence I (1.0)

This course is the first in a series (PH540, PH640, and PH641) that incorporates topics from across the entire curriculum. It includes activities and weekly assessments on topics in pharmacy practice (i.e., law, calculations, pharmacology, pharmacotherapy, etc.). Students work individually and/or in teams on activities like journal clubs, case presentations, Interprofessional Education events, patient interviews, patient counseling, and the Pharmacists' Patient Care Process (PPCP) notes. The goal of this longitudinal series is to build on foundational knowledge by integrating therapeutic insight, and problem-solving skills to improve decision making for PPCP.

PH 601-B1 Cardiovascular II (2.25)

This is an integrated course that introduces students to the principles of pharmacotherapy for cardiovascular disorders. This is the second of a series of three cardiovascular courses with emphasis on arrhythmias, venous thromboembolism, peripheral artery disease, and atherosclerotic cardiovascular disease. It builds upon the concepts of foundational basic science, and social and administrative sciences. The goal is to facilitate the application of pharmacotherapy for cardiovascular disorders in pharmacists' patient care process.

PH 602-B2 Cardiovascular III (2.25)

This is an integrated course that introduces students to the principles of pharmacotherapy for cardiovascular disorders. This is the third of a series of three cardiovascular courses with emphasis stroke, acute decompensated heart failure, chronic heart failure, acute coronary syndromes, and cardiac arrest. It builds upon the concepts of foundational basic science, and social and administrative sciences. The goal is to facilitate the application of pharmacotherapy for cardiovascular disorders in pharmacists' patient care process.

PH 603-B5 Neurologic and Psychiatric Disorders I (2.25)

This course introduces students to the principles of pharmacotherapy for neurologic and psychiatric disorders. It integrates the basic foundational science, clinical, and social and behavioral science content. The goal is to facilitate the application of pharmacotherapy topics for disorders related to neurology and psychiatry in pharmacists' patient care process.

PH 604-B6 Neurologic and Psychiatric Disorders II (2.25)

This course builds upon the previous course "PH 603- Neurologic and Psychiatric Disorders I". The students learn the application of knowledge by integrating basic foundational science, clinical, and social and behavioral science content. The goal is to facilitate the application of pharmacotherapy topics for disorders related to neurology and psychiatry in pharmacists' patient care process.

PH 605-B7 Neurologic and Psychiatric Disorders III (2.25)

This course builds upon the previous two courses (PH 603, and PH 604) of Neurologic and Psychiatric Disorders. The students apply the knowledge by integrating basic foundational science, clinical, and social and behavioral science content. The goal is to facilitate the application of pharmacotherapy topics for disorders related to neurology and psychiatry in pharmacists' patient care process.

PH 606-B5 Hematologic and Oncologic Disorders I (2.25)

This is an integrated course that introduces students to the principles of cancer treatment and chemotherapy for hematologic and oncologic disorders. This is the first of a series of the two courses. It builds upon the concepts of foundational basic science, and social and administrative sciences. The goal is to facilitate the application of pharmacotherapy for solid cancers (colon, breast, prostate, lung cancers and melanoma) chemotherapy toxicities and palliative/supportive care within the framework of malignancies.

PH 607-B6 Hematologic and Oncologic Disorders II (2.25)

This is an integrated course that emphasizes on application of the concepts of cancer treatment and chemotherapy for hematologic and oncologic disorders. This is the second of a series of the two courses. It builds upon the concepts of foundational basic science, and social and administrative sciences. The goal is to facilitate the application of pharmacotherapy topics for anemia, coagulation disorders, sickle cell disease, and hematologic malignancies (leukemia, lymphoma, and multiple myeloma).

PH 608-B8 Gastrointestinal Disorders (2.25)

This is an integrated course that introduces students to the principles of pharmacotherapy for gastrointestinal disorders. This course emphasizes constipation, diarrhea, irritable bowel disease, Crohn's disease, gastroesophageal reflux disorder (GERD), peptic ulcer disease (PUD), nausea and vomiting, pancreatitis, cirrhosis, and hepatitis. It builds upon the concepts of foundational basic science, and social and administrative sciences. The goal is to facilitate the application of pharmacotherapy for gastrointestinal disorders in pharmacists' patient care process.

PH 609-B3 Pharmacoeconomics, Pharmacoepidemiology, Policy and Outcomes (2.25)

This course provides students with a framework for understanding the impact of pharmacotherapy on various components of society. It includes course work that addresses the financial impact of medication therapy on both micro and macro economical environments. The impact medication use has on disease prevention and progression are explored, as well as the health outcomes (i.e., economic, clinical, and humanistic) that are associated with pharmacotherapy.

PH 610-B9 Nutrition and Nutritional Disorders (2.25)

This is an integrated course that introduces students to the principles of pharmacotherapy for nutrition and nutritional disorders. This course emphasizes enteral nutrition, parenteral nutrition, eating disorders, and obesity. It builds upon the concepts of foundational basic science, and social and administrative sciences. The goal is to facilitate the application of pharmacotherapy for nutrition and nutritional disorders in pharmacists' patient care process.

PH 611-B1 Microbiology, Immunology, and Infectious Origin Disorders I (2.25)

This is an integrated course that introduces students to the principles of pharmacotherapy for infectious diseases. This is the first in a series of four courses of infectious origin disorders. It builds upon the concepts of foundational basic science, and social and administrative sciences. The goal is to provide an overview of microbiology and immunology concepts required for pharmacists' patient care process in infectious

diseases.

PH 612-B2 Infectious Origin Disorders II (2.25)

This is an integrated course that introduces students to the principles of pharmacotherapy for infectious diseases of bacterial origin. This is the second in a series of four courses of infectious origin disorders. It builds upon the concepts of foundational basic science, and social and administrative sciences. The goal is to facilitate the application of pharmacotherapy topics related to bone and joint infections, skin and soft tissue infections, meningitis and CNS infections, respiratory infections, urinary tract infections, prostatitis, sexually transmitted diseases, intrabdominal infections, infective endocarditis, bloodstream infections and tuberculosis.

PH 613-B3 Infectious Origin Disorders III (2.25)

This is an integrated course that introduces students to the principles of pharmacotherapy for infectious diseases. This is the third in a series of four courses of infectious origin disorders emphasizing on viral, fungal, and protozoal infections. It builds upon the concepts of foundational basic science, and social and administrative sciences. The goal is to facilitate the application of pharmacotherapy topics related to HIV, viral hepatitis and viral infections, superficial and invasive fungal infections, sepsis, septic shock, parasitic infections, and antimicrobial prophylaxis.

PH 614-B4 Infectious Origin Disorders (1.25)

This is an integrated course for application of the principles of pharmacotherapy for infectious diseases. This is the last course in a series of four courses of infectious origin disorders. It builds upon the concepts of foundational basic science, and social and administrative sciences. The goal is to facilitate the application of pharmacotherapy topics related to the use of vaccines, toxoids, and immunobiologics, and clinical pharmacokinetic applications.

PH 615-B7 Treatment of Special Populations, Critical Care and APPE Preparedness (2.25)

This course integrates foundational science concepts with application of pharmacotherapy for patient populations that include geriatrics, pediatrics, palliative care and critically ill. The course includes case based clinical paradigms, inter-professional aspects, and population-based healthcare concepts as a part of pharmacists' patient care process.

PH 616E-Two (2) DCAS Didactic, & Independent Research I & II Elective (2.25)

This course sequence is a two-course offering of research electives (Independent Research I and II). This elective course is designed to provide a select group of pharmacy students with the opportunity to begin to develop knowledge and skills as laboratory or clinical researchers. Individual faculty members will take limited number of students and based on their personalized interest and expertise, will engage students in various types of research activities, which include but are not limited to, laboratory work, computational work, literature review and synthesis, as well as and clinical and outcome research.

PH 617E-Two (2) DPS Didactic, & Independent Research I & II Elective (2.25)

This course sequence is a two-course offering of research electives (Independent Research I and II). This elective course is designed to provide a select group of pharmacy students with the opportunity to begin to develop knowledge and skills as laboratory or clinical researchers. Individual faculty members will take limited number of students and based on their personalized interest and expertise, will engage students in various types of research activities, which include but are not limited to, laboratory work, computational work, literature review and synthesis, as well as and clinical and outcome research.

PH 618-B4 Advanced Literature Evaluation and Doctoral Seminar (2.25)

This course emphasizes the use of primary, secondary, and tertiary literature in pharmacy practice and strategies used to evaluate literature and information resources. It is designed to build upon biostatistics and clinical research concepts learned in previous coursework. During this course, students will develop skills to critically evaluate medical literature and to respond to questions related to drug therapy.

PH 619E-2 Leadership and Advocacy in Healthcare Elective (2.25)

This course is focused on developing leadership and advocacy skills in pharmacy students to use in professional and personal settings. The course will build on leadership theory and application of skills to advocate for patients and the profession of pharmacy. Topics include conflict resolution, motivating others to create successful teams, interprofessional leadership, and advanced communication skills. The course will require personal reflection, development of vision, goals, and plans for advocacy and leadership, as well as guided group discussion.

PH620E-2 Maximizing APPE Readiness and Post Graduate Preparation Elective (2.25)

This course is a graded elective course offered to second year pharmacy students who are applying to maximize their APPE experience and post-graduate process such as residencies and fellowships. The course will focus on maximizing student experiences during APPEs and improving a student's interviewing and presentation skills. The course will also allow for developing their Curriculum Vitae and action plan to compete for post graduate opportunities (e.g., residencies, fellowships).

PH 622E-2 Pediatric Pharmacotherapy Elective (2.25)

The course is designed to provide an introduction to pharmacotherapy issues related to pediatric patients. The course will introduce the physiological and developmental differences that impact medication use in the pediatric patient in common pediatric illnesses and disorders. The course will prepare the student with the knowledge base and problem-solving skills necessary to provide pharmaceutical care to this population in most practice settings.

PH 623E-2 Nuclear Pharmacy Elective (2.25)

Nuclear pharmacy (also referred to as radiopharmacy) represents a special practice area within the profession of pharmacy. The Nuclear Pharmacy is a team-taught course that explains the theoretical foundations of the profession of nuclear pharmacy. This course aims to assist students in understanding the fundamentals of radiation, radioactivity and radiobiology, and to develop an appreciation and respect for the application and role of radiation in promoting health care, and to recognize the value of radiation safety as it applies to the day-to-day activities of nuclear pharmacists. It seeks to discuss the principles of instrumentation used in nuclear pharmacy as well as use of these instruments as related to daily practice. In addition, this course will also provide a brief overview of the concepts of diagnostic imaging as well as clinical applications of radiopharmaceuticals for the diagnosis and treatment of various diseases.

PH 640-L Integrated Pharmacotherapy Course Sequence II (2.0)

This course is the second in a series (PH540, PH640, and PH641) that incorporates topics from across the entire curriculum. It includes activities and weekly assessments on topics in pharmacy practice (i.e., law, calculations, pharmacology, pharmacotherapy, etc.). Students work individually and/or in teams on activities like journal clubs, case presentations, Interprofessional Education events, patient interviews,

patient counseling, and the Pharmacists' Patient Care Process (PPCP) notes. The goal of this longitudinal series is to build on foundational knowledge by integrating therapeutic insight, and problem-solving skills to improve decision making for PPCP.

PH 641-L Integrated Pharmacotherapy Course Sequence III (2.0)

This course is the third and final course in a series (PH540, PH640, and PH641) that incorporates topics from across the entire curriculum. It includes activities and weekly assessments on topics in pharmacy practice (i.e., law, calculations, pharmacology, pharmacotherapy, etc.). Students work individually and/or in teams on activities like journal clubs, case presentations, Interprofessional Education events, patient interviews, patient counseling, and the Pharmacists' Patient Care Process notes. The goal of this longitudinal series is to build on foundational knowledge by integrating therapeutic insight, and problem-solving skills to improve decision making for PPCP.

ADVANCED PHARMACY PRACTICE EXPERIENCERS (APPE)

These are seven six-week courses to assist the student in applying didactic knowledge toward the practice of pharmacy. It includes four (4) core courses and three (3) electives.

PH 701 APPE – Ambulatory Patient Care (6)

This course provides experiential opportunities to enhance students' ability to function as a clinician and demonstrate understanding of common disease states, treatment options, and medication management within an outpatient practice setting. It emphasizes on development of skills related to communications with patients and healthcare professionals, problem-solving skills, and self-assessment skills.

PH 702 APPE - General Medicine Patient Care (6)

This course provides experiential opportunities to enhance students' ability to function as a clinician and demonstrate understanding of common disease states, treatment options, and medication management within an inpatient practice setting. It emphasizes on development of skills related to communications with patients and healthcare professionals, problem-solving skills, and self-assessment skills.

PH 703 APPE – Hospital/Health System Pharmacy (6)

This course provides experiential opportunities to demonstrate understanding of Pharmacists' Patient Care Process in the inpatient setting such as pharmacy operations, drug distribution, formulary management, legal requirements, reviewing patient profiles for pharmacotherapy management, sterile product preparation, and communication with other health care professionals.

PH 704 APPE – Community Pharmacy (6)

This course provides experiential opportunities to demonstrate understanding of Pharmacists' Patient Care Process in a community setting such as filling and dispensing functions, proper medication labeling, controlled drug procedures, prescriber communication, and patient counseling.

PH 705 APPE Patient Care Elective I (6)

This elective course provides opportunities for students in specialty areas of practice such as hematology

and oncology, nutrition, pain management, critical care, geriatrics, pediatrics, infectious disease.

PH 706 APPE Patient Care Elective II (6)

This elective course provides opportunities for students in specialty areas of practice such as hematology and oncology, nutrition, pain management, critical care, geriatrics, pediatrics, infectious disease.

PH 707 APPE Non-Patient Care Elective III (6)

This non-patient care elective provides opportunities for students to participate in areas where patient care is not the primary focus (e.g., research, academia, administration).

PH 708 Pharmacy Preparedness and Application (0)

This course aims to prepare students to successfully pass NAPLEX (North American Pharmacist Licensure Examination) by participating in supplemental instruction sessions as conducted during each APPE rotation. This is a year-long course administered in the third year and it counts towards 25% of each APPE rotation grade.

THE FOLLOWING DEGREE PROGRAM HAS BEEN APPROVED BY THE FLORIDA DEPARTMENT OF EDUCATION, COMMISSION ON INDEPENDENT EDUCATION (CIE). HOWEVER, AT THIS TIME LARKIN UNIVERSITY IS NOT OFFERING THIS PROGRAM NOR ARE WE ACCEPTING APPLICATIONS FOR THIS DEGREE PROGRAM. THERE ARE NO STUDENTS ENROLLED IN THE PROGRAM AT THISTIME.

Doctor of Philosophy, Clinical and Translational Research

The Clinical and Translational Research Program has been designed to train biomedical science students and health care professionals in translational biomedical research. The curriculum provides a core of coursework with select electives to allow students to tailor their coursework to their research interests.

Program Objectives

The educational objectives for the Doctor in Clinical and Translational Research Program correlate with the three (3) goals of the curriculum: critical thinking, communication, and professionalism.

- Upon completion of the Program, the graduate shall have acquired knowledge, skills and competence related to the Program goals as evidenced by the ability to:
- Analyze clinical or biological problems in healthcare (Critical Thinking).
- Design experiments and analyze data (Critical Thinking).
- Demonstrate collaboration by actively engaging in interdisciplinary local and global community outreach efforts for health promotion (Communication, Professionalism).
- Participate in health-related research and scholarship(Professionalism).
- Correlate principles of molecular and cellular pathology to selected health and disease states (Critical Thinking, Communication).
- Demonstrate technology skills to enhance overall lifelong learning through peer-reviewed publications (Communication, Professionalism).
- Demonstrate achievement of the Program's objectives and synthesis of educational activities by completing a scholarly work in the form of a dissertation and a scientific presentation (Critical

Thinking, Communication, and Professionalism).

Course of Study Curriculum Outline

Course Number	Course Title	Course Hours
PCTB500	Foundations of Clinical and Translational Research	3
PCTB510	Principles of Epidemiology	3
PCTB511	Statistics in Clinical and Translational Research	3
PCTB549	Clinical Pharmacology	3
PCTB520	Research Design, Ethics, and Implementation	3
PCTB522	Regulatory Policies in Clinical and Translational Research	3
PCTB530	Seminar in Clinical and Translational Research	1
PCTB540	Strategies in Scientific Writing	3
PCTB600	Comprehensive Exam and Preliminary Proposal	8
PCTB602	Dissertation	54 (600 hours in lab /semester)
Total	***Core Courses**	**84**

Electives (Select 18 credit hours from the following)

PCTB512	Advanced Epidemiological Methods	3
PCTB513	Genetic Epidemiology	3
PCTB550	Principles of Drug Development and Pharmaceutical Science	3
PCTB570	Intro to Clinical Informatics	3
PCTB552	Introduction to Clinical Trials and Intervention Studies	3
PCTB560	Immunology and Toxicology	3
PCTB572	Evidence-Based Medicine	3
PCTB514	Precision Medicine	3
PCTB515	Computational Science in Data Analysis	3
PCTB562	Principles of Environmental Health Studies	3
PCTB574	Case Studies in Biotech Entrepreneurship	3
PCTB516	Intro to Systemic Reviews and Meta-Analysis	3
PCTB564	Health Disparities and Population-Based Research	3
PCTB517	Outcomes in Patient-Oriented Studies	3
PCTB575	Cost-effectiveness in Scientific Research	3
PCTB541	Grant Writing in Human Health Research	3
PCTB563	Systems Biology and Human Health	3
Total		**102**

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Master of Science, Clinical Cellular and Molecular Biology

Program Objective

The educational objectives for the Program correlate with the three (3) goals of the curriculum: critical thinking, communication and professionalism. Upon completion of the Program, the graduate shall have acquired knowledge, skills and competence related to the Program goals as evidenced by the ability to:

1. Analyze individual cases and evaluate clinical outcomes (Critical Thinking).
2. Design appropriate laboratory procedures with a thorough understanding of Molecular and Cellular Biology and the present health status of the individual(Critical Thinking).
3. Demonstrate collaboration by actively engaging in interdisciplinary local and global community outreach efforts for health promotion (Communication, Professionalism).
4. Participate in health-related research and scholarship(Professionalism).
5. Correlate principles of molecular and cellular pathology to selected health and disease states (Critical Thinking).
6. Demonstrate technology skills to enhance overall lifelong learning through peer-reviewed publications (Communication, Professionalism).
7. Develop a laboratory operation manual according to inventory and CLIA policies (Communication, Professionalism). Demonstrate achievement of the Program's objectives and synthesis of educational activities by completing a scholarly work in the form of a research project (thesis) and a scientific presentation or by passing a comprehensive examination (Critical Thinking, Communication, Professionalism).

Program Description

The Clinical Cellular & Molecular Biology Program has been designed to thoroughly train biomedical science students and healthcare professionals in the clinical diagnosis and laboratory detection of cancer, cellular biology, infectious disease, and molecular disorders. The curriculum has been developed to educate and train students through rigorous, graduate level science courses along with hands on training using clinical and laboratory equipment.

Course of Study

*Curriculum Outline

**Thesis Track

Course Number	Course Title	Course Hours
CMB505	Laboratory Techniques & Equipment	3
MSB501	Biochemistry 1	3
MSB511	Immunology/Intro to Med Micro	3
MSB512	Medical Microbiology 2	3
MSB520	Molecular Genetics	3
CMB510	Detection of Bacteria, Viruses, Fungi & Parasites	3
CMB520	DNA, RNA and Immunological Methods	3

CMB530	Molecular Biology of Cancer	3
CMB540	Hematology & Histology	3
CMB550	Clinical Laboratory Practicum I	4
CMB650	Clinical Laboratory Practicum II	4
MSB600	Thesis	CR/NC*
Total		**35**

****Non-thesis Track**

Course Number	Course Title	Course Hours
CMB505	Laboratory Techniques & Equipment	3
MSB501	Biochemistry 1	3
MSB511	Immunology/Intro to Med Micro	3
MSB512	Medical Microbiology 2	3
MSB520	Molecular Genetics	3
CMB510	Detection of Bacteria, Viruses, Fungi & Parasites	3
CMB520	DNA, RNA and Immunological Methods	3
CMB530	Molecular Biology of Cancer	3
CMB540	Hematology & Histology	3
CMB550	Clinical Laboratory Practicum I	4
CMB650	Clinical Laboratory Practicum II	4
MSB593	Comprehensive Exam	CR/NC*
Total		**35**

**CR = Credit/NC = no credit*

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Master of Science, Clinical Anatomy

Program Objective

The educational objectives for the Program correlate with the three (3) goals of the curriculum: critical thinking, communication, and professionalism. Upon completion of the Program, the graduate shall have acquired knowledge, skills and competence related to the Program goals as evidenced by the ability to:

1. Analyze individual surgeries and evaluate procedural and clinical outcomes (*Critical Thinking*).
2. Design appropriate surgical procedures with a thorough understanding of Anatomy & Physiology and the present health status of the individual (*Critical Thinking*).
3. Demonstrate collaboration by actively engaging in interdisciplinary local and global community

outreach efforts for health promotion (*Communication, Professionalism*).

4. Participate in health-related research and scholarship(*Professionalism*).
5. Correlate principles of molecular and cellular pathology to selected health and disease states (*Critical Thinking, Communication*).
6. Demonstrate technology skills to enhance overall lifelong learning through peer-reviewed publications (*Communication, Professionalism*).
7. Demonstrate achievement of the Program's objectives and synthesis of educational activities by completing a scholarly work in the form of a research project (thesis) and a scientific presentation (*Critical Thinking, Communication, Professionalism*).

Program Description

The Master's in Clinical Anatomy program has been designed to thoroughly train biomedical science students and health care professionals in the art of surgical anatomy and anatomical sciences. Specifically, the curriculum has been designed to educate and train students through rigorous, graduate level science courses along with hands on training using human cadavers and shadowing surgical residents and hospital surgeons

Course of Study

*Curriculum Outline

Course Number	Course Titles	Credit Hours
MCA530	Neuroanatomy with Surgical Techniques	6
MCA550	Human Anatomy with Surgical Techniques	7
MCA560	Cardio Anatomy & Physiology	4
MCA591	Research 1	5
MCA592	Research 2	5
MSB600	Thesis	CR/NC*
Total		**27**
Electives (Select 9 credit hours from the following)		
MSB501	Biochemistry 1	3
MSB502	Biochemistry 2	3
MSB505	Frontiers in Medicine	1
MSB511	Immunology/Intro to Med Microbiology	3
MSB512	Medical Microbiology 2	3
MSB520	Molecular Genetics	3
MSB550	Human Anatomy	4
MSB560	Human Physiology	4
CMB505	Laboratory Techniques & Equipment	3

CMB510	Detection of Bacteria, Viruses, Fungi & Parasites	3
CMB520	DNA, RNA and Immunological Methods	3
CMB530	Molecular Biology of Cancer	3
CMB540	Hematology & Histology	3
Total		36

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CMB 505 Laboratory Techniques & Equipment (3)

The course examines the theory and methods used in a clinical laboratory to analyze biological specimens. Techniques and automated equipment are studied relative to biochemical, biological and molecular tests.

CMB 510 Detection of Bacteria, Viruses, Fungi & Parasites (3)

The course investigates the numerous techniques used to differentiate micro-organisms, pathogens and parasites. Methods used to detect include microscopy, tissue culture and cytopathic effects, DNA and RNA amplification, microarrays, sequencing, serology and immunoassays.

CMB 520 DNA, RNA and Immunological Methods (3)

The course immerses the student in the world of molecular diagnostics with a focus on DNA, RNA and antibody-based methods. Principles of DNA amplification (Polymerase chain reaction or PCR) are studied in detail including reverse-transcription PCR, quantitative PCR and real-time PCR. Western methods, ELISAs and Immunological methods are also studied and compared to DNA and RNA methods.

CMB 530 Molecular Biology of Cancer (3)

The course is an in-depth study of the molecular mechanisms that lead to different types of cancer. Gross changes in chromosomal translocations are studied along with single-nucleotide polymorphisms and how each are detected and used to identify cancer risks. Viruses and oncogenes are also examined along with alterations in the normal cell cycle. The latest molecular techniques used to screen for cancer and to diagnose cancer are also evaluated and compared to traditional methods.

CMB 540 Hematology & Histology (3)

The course examines the staining methods and techniques used to identify cellular structures and functions of the cell. Blood and specific tissues are analyzed at the microscopic level to examine morphological features and identify organelles that function in the role of the cells or tissues. Pathological effects on the cells are also examined relative to infectious disease.

CMB 550 Clinical Laboratory Practicum I (4)

The course is a hands-on experience at a clinical laboratory. Students will spend 20 hours a week actively engaging in the clinical laboratory and documenting their experiences with a laboratory notebook.

CMB 650 Clinical Laboratory Practicum II (4)

The course is a continuation of Clinical Laboratory Practicum I in a subsequent semester where the student will continue to actively participate in the clinical laboratory with laboratory notebook documentation.

MCA 530 Neuroanatomy with Surgical Techniques (6)

The course is an in-depth study of the Gross Anatomy of the human central nervous system and its location relative to surgical procedures. The use of a fresh-frozen cadaver provides the student the opportunity to practice surgical techniques and to dissect a cadaver to study Neuroanatomical structures.

MCA 550 Human Anatomy with Surgical Techniques (7)

The course is an in-depth study of Human Anatomy relative to surgical procedures. The use of a fresh-frozen cadaver provides the student the opportunity to practice surgical techniques and to dissect a cadaver to study Anatomical structures.

MCA 560 Cardio Anatomy & Physiology (4)

The course is a detailed analysis of the heart structures and functions and how they relate to organ physiology and the physiology of the whole body. Data obtained from electrophysiology studies and echocardiograms will also be analyzed and used to differentiate normal heart function from aberrations. The Pathophysiology of the cardiac system will also be examined in fresh frozen cadavers.

MCA 591 Research 1 (5)

A research course addressing a topic in Clinical Anatomy. The student will commit to 160 hours in a laboratory or clinic to study the topic. Reports and data will be generated for the student thesis.

MCA 592 Research 2 (5)

A continuation of research where the student will continue to generate and collect data for the thesis.

MSB 505 Frontiers in Medicine (1)

This course covers contemporary topics in medicine with guest lecturers who are experts in their field of study.

PCTB 500: Foundations of Clinical and Translational Research. (3)

This course provides a high-level introduction to the clinical and translational aspects of research. This begins elaborating from the basic research (T0 translational research nomenclature) to carrying research in human populations (T1 to T5). The course also expands on the relevance to understand how the different T's in Clinical and Translational Research overlap each other to contribute better patient care.

PCTB 510: Principles of Epidemiology. (3)

This course emphasizes the approaches and principles implemented in epidemiological studies in human populations. These include how to summarize and display epidemiological data and implement traditional statistical test to illustrate population health outcomes. Other topics covered in the course include disease prevalence, health risks, ratios, and implementing the Bradford-Hill criteria. It also covers study designs in epidemiological studies to investigate relationships between risk factors and health outcomes, and how epidemiological findings impact the different levels of decision-making in

populations, including health care, screening, and policy.

PCTB 511: Statistics in Clinical and Translational Research. (3)

This course introduces the basic methods of statistics to design clinical and translational studies. Among the concepts covered in the course include the epicycles of statistical analysis, including elaborating the question, exploring and describe the data, elaborate models, and carry out inferences after implementing the models on the current or new datasets. The statistical tests discuss in the course address comparison of proportions, means, and medians; inter- and intra-group difference of variance; statistical analysis in paired and unpaired groups, and introduction to regression analysis.

PCTB 513: Genetic Epidemiology. **(3)**

Integrates from PCTB 510 and 514 to design epidemiological studies addressing the genetics of different human diseases.

PCTB 514: Computational Sciences in Data Analysis. **(3)**

Integrates computational approaches and languages (e.g. R, SAS, Python) in the analysis of data generated in human health studies.

PCTB 515: Precision Medicine. **(3)**

Elaborates on the benefits of integrating computational approaches in the diagnosis and therapy of human disease.

PCTB 516: Intro to Systemic Reviews and Meta-Analysis. **(3)**

Describes the study designs to investigate the current knowledge within a scientific field or human health topic.

PCTB 517: Outcomes in Patient-Oriented Studies. **(3)**

Integrates epidemiology to evaluate prevalence and risks in patient-oriented studies.

PCTB 520: Research Design, Ethics, and Implementation. (3)

This course covers topics on the different phases of experimental design, developing a question, developing surveys, determine sampling strategies, and techniques and technologies to implement into the studies of both quantitative or qualitative nature. The course also compares the advantages and disadvantages of different qualitative and quantitative study designs, and how to integrate different quantitative and qualitative approaches in different studies. It also discusses the importance of research ethics and its implementation at different stages of a study.

PCTB 522: Regulatory Policies in Clinical and Translational Research. (3)

This course discusses the different policies and regulation in both clinical and translational research, including the rationale of its implementation and the events that lead to development of each policy and regulation. It also covers the governing agencies or organization in charge of implementing differing policies and regulation, and the procedures investigators and institutions must fulfill in each policy and regulation.

PCTB 530: Seminar in Clinical and Translational Research. (1)

This course provides an opportunity for students in search for relevant scientific literature in clinical and translational research to be presented to different audiences (lay and technical audiences). Different approaches on how to present a scientific talk and workshops, among others are discussed. It also introduces the "elevator-talk" and the "1-minute pitch" strategies for students to practice concise speaking often implemented in networking events.

PCTB 540: Strategies in Scientific Writing. (3)

This course prepares students prior to engaging in writing the dissertation proposal. In this course, students also learn the purpose of each section within a peer-reviewed manuscript, strategies on how to write a peer-reviewed manuscript, and the different steps involved during a publication. Writing structure within a peer-reviewed manuscript is also discussed.

PCTB 541: Grant Writing in Human Health Research. **(3)**

Elaborates on the different aspects of grant writing and the how to write successful grant proposals.

PCTB 549: Clinical Pharmacology. (3)

This course integrates general aspects of clinical pharmacology together with drug prescribing, and evidence-based decisions in pharmacotherapeutics. The course addresses the genomics, biochemical, and physiological changes following pharmacotherapy, the legal and ethical aspects of prescription pharmacotherapeutics, and how implementation of pharmacotherapeutics can be influenced with evidence-based decisions.

PCTB 550: Principles of Drug Development and Pharmaceutical Sciences. **(3)**

Introduces the principles and methods (including experimental design and laboratory methods) in the development of drugs human health interventions.

PCTB 552: Introduction to Clinical Trials and Intervention Studies. **(3)**

Combines designing studies that integrated pharmaceutical, environmental health, and epidemiology to reduce incidence of a human disease or health outcome.

PCTB 560: Immunology and Toxicology. **(3)**

Describes the different immunological and toxicological approaches, including experimental design, in clinical and translational research studies.

PCTB 562: Principles of Environmental Health Studies. **(3)**

Describes the integration of exposure science and biomedical sciences to study environmental risk factors for human disease.

PCTB 563: Systems Biology and Human Health. **(3)**

Describes experimental designs in system-based levels and how they are integrated in human health studies.

PCTB 564: Health Disparities and Population-Based Research. (3)

Discuss the study designs to evaluate how different non-biological factors affect diverse populations.

PCTB 600: Comprehensive Exam and Preliminary Proposal. (8)

The comprehensive exam integrates a series of questions (in verbal and oral formats) developed by the faculty mentor in collaboration with the dissertation committee. The preliminary proposal is the proposed research the student, in consultation with the faculty mentor and the dissertation committee, seeks to carry out during the dissertation. The student must pass the comprehensive exam, and successfully presents the preliminary proposal to the dissertation committee. Once both are passed, the student earns the title of Ph.D. candidate.

PCTB 602: Dissertation (54)

The dissertation represents the original scholarship activity of the Ph.D. candidate in consultation with the faculty mentor and the dissertation committee. Once the student has presented evidence that he successfully published at least 2 papers as a first author in a peer-reviewed journals and is co-authoring at least one additional paper in peer-reviewed journals and upon the approval of the dissertation committee, the students presents the scholarship activity to a public audience. A formal dissertation will be prepared and defended to a dissertation committee. The public presentation is then followed by a closed-door interview by the faculty mentor and dissertation committee.

PCTB 570: Intro to Clinical Informatics. **(3)**

Covers and compares different health care systems, including how they were developed, modified, and currently being implemented.

PCTB 572: Evidence-Based Medicine. **(3)**

Discuss the interdisciplinary collaboration to diagnosis and therapy of human disease based on data gathered from previous studies and different experimental designs in basic sciences and clinical studies.

PCTB 574: Case Studies in Biotech Entrepreneurship. **(3)**

Presents case studies of the interplay between scientific discoveries and business to develop biotech companies.

PCTB 575: Cost-effectiveness in Scientific Research. **(3)**

Describes strategies to design cost-effective scientific projects, and how to manage budgets.

PCTB 512: Advanced Epidemiological Methods. **(3)**

Expands on the epidemiological knowledge from PCTB 510. It presents scenarios for students to evaluate the suitability of epidemiological methods for different population studies.

Faculty and Staff

Faculty

Professor	Credentials
Sultan Ahmed, MD	MD.- Sir Salimullah Medical College, Dhaka, Bangladesh American Board Certification in Internal Medicine
Amusa Adebayo, Ph.D.	Ph.D.- University of Ibadan, Badan, Nigeria MS. Health Informatics– University of Chicago, Chicago, IL M.Sc. Pharmaceutics-Obafemi Awolowo University, Ile-Ife, Nigeria MBA-Obafemi Awolowo University, Ile-Ife, Nigeria B.Pharm. – Obafemi Awolowo University, Ile-Ife, Nigeria
Alexis Arango, Pharm.D.	Pharm.D.- University of Colorado, Aurora, CO M.A. in Teaching – Montclair University, Montclair, NJ B.S. in Pharmacy – Long Island University, Long Island, NY B.A. in Natural Sciences – St. Peter's University, Jersey City, NJ
Sharon Argov, MLS, Ed.D.	Ed.D. in Education/Distance Learning - Northcentral University, Scottsdale, AZ MLS Library and Information Science, State University of New York at Albany, Albany, NY B.A. in English - Binghamton University, Binghamton, NY
Lynne Arric, Ed.D.	Ed.D. in Educational Leadership - Lamar University, Beaumont, TX M.S. in Counseling and Student Personnel – Oklahoma State University, Stillwater, OK B.A. in Psychology – Oklahoma State University, Stillwater, OK
Debasish Basak, Ph.D.	Ph.D. in Pharmaceutical Sciences – Texas Tech University Health Sciences Center, Amarillo, TX
Carlos J Bidot, M.D.	M.D.—Escuela Latino Americana de Medicina, Havana Cuba
Joshua Caballero, Pharm.D.	Pharm.D. - University of Tennessee Health Science Center, Memphis, TN B.A. in Psychology – University of Florida, Gainesville, FL

Christiane Chbib, Pharm.D., Ph.D.	Ph.D. in Biochemistry – Florida International University, Miami, FL Pharm.D.- Lebanese American University, Byblos, Lebanon B.S. in Pharmacy – Lebanese American University, Byblos, Lebanon
Subrata Deb, Ph.D.	Ph.D. in Pharmaceutical Sciences – University of British Columbia, Vancouver, Canada M. Pharm. - Berhampur University, Orissa, India B. Pharm. - Berhampur University, Orissa, India
Anna Dellarole, Ph.D.	Ph.D. in Science of Bioactive Substances-University of Piemonte Orientale "Amedeo Avogadro", Novara, Italy B. Pharm.- University of Piemonte Orientale "Amedeo Avogadro", Novara, Italy
Marti Echols, Ph.D.	Ph.D. in Health Administration, Higher Education Administration, Curriculum & Instruction-Ohio University, Athens, OH M.in Education-Ashland University, Ashland, OH BS in Comprehensive Communication specialization in Education-Cleveland State University, Cleveland, OH
Rudi H. Ettrich, RNDr., MSc., Ph.D.	Ph.D. in Biophysical Chemistry – Charles University, Prague, Czech Republic RNDr. (rerum naturalium doctor) in Physical and Macromolecular Chemistry – Charles University, Prague, Czech Republic MSc. in Physical and Macromolecular Chemistry – Charles University, Prague, Czech Republic B.Sc. (Vordiplom) in Chemistry, Eberhard-Karls-University, Tubingen, Germany
Andrea Fuentes, Pharm.D.	Pharm.D.-Larkin University, Miami, FL
Sameer Joshi, Ph.D.	Ph.D.- Pharmaceutics (Life and Health Sciences)- Aston Pharmacy School, Aston University, Birmingham, UK.
Sukhwinder Lakhman, Ph.D.	Ph.D.- Guru Nanak Dev University, Amritsar, India M.Pharm.- Guru Nanak Dev University, Amritsar, India B.S.- Guru Nanak Dev University, Amritsar, India
Nicole Lounsbury, Ph.D.	Ph.D.- Temple University, Philadelphia, PA B.S.- Worcester Polytechnic Institute, Worcester, MS

Juan Mosley II, Pharm.D	Pharm.D. – Florida Agricultural and Mechanical University, Tallahassee, FL
Andrea Murzello, Pharm.D.	Pharm.D. – Nova Southeastern University, Fort Lauderdale, FL B.S. in Biology - University of Florida, Gainesville, FL
Ruth Nemire, Pharm.D., Ed.D.	Pharm.D.- University of Toledo, Toledo, OH Ed.D. – Nova Southeastern University, Fort Lauderdale, FL.
Emanuel Olawode, Ph.D.	Ph.D. in Pharmaceutical Chemistry-Rhodes University, Grahamstown, Eastern Cape, South Africa
Jayesh Parmar, Ph.D.	Ph.D. in Pharmacy Administration - University of Louisiana at Monroe, Monroe, LA BS in Pharmacy - University of Mumbai, Mumbai, India
Idelxy Perez, M.D.	M.D. – Escuela Autonoma de Ciencias, San Jose, Costa Rica B.A. in Psychology – Florida International University, Miami, FL
Mara Poulakos, Pharm.D.	Pharm.D.-University of Buffalo, Buffalo, NY
Jason Range, JD., Ph.D.	Ph.D.-Wayne State University, Detroit, MI J.D.-University of Detroit Mercy School of Law, Detroit, MI
Felix E. Rivera-Mariani, Ph.D.	Ph.D. in Microbiology – University of Puerto Rico, San Juan, Puerto Rico B.S. in Biology – Southeastern Louisiana University, Hammond, LA
Priscilla Ryder, Ph.D.	Ph.D. in Epidemiology - University of Maryland, Baltimore, MD M.P.H. in Epidemiology of Biostatistics - University of California at Berkely, Berkely, CA
Sandeep Sheth, Ph.D.	Ph.D. in Pharmacology – Southern Illinois University School of Medicine, Springfield, IL M.S. in Pharmaceutical Sciences-Idaho State University College of Pharmacy, Pocatello, ID
Surabhi Shukla, Ph.D.	Ph.D. in Pharmaceutical Sciences – University of Mississippi, University, MS M.S. in Biotechnology – Sardar Patel University, Vallabh Vidyanagar, Gujarat, India B.S. in Biotechnology – Sardar Patel University, Vallabh Vidyanagar, Gujarat, India
Jennifer Thomas, Pharm.D.	Pharm. D. – Nova Southeastern University, Fort Lauderdale, FL A.A. – Tallahassee Community College, Tallahassee, FL

Albert Whitehead, DDS	D.M.D. in Dentistry - University of Pittsburgh, Pittsburgh, PA M. Ed. in Higher Education Administration, University of Pittsburgh, Pittsburgh, PA M.B.A in Executive Administration, University of Pittsburgh, Pittsburgh, PA B.S. in Biology - University of Nevada, Las Vegas, Las Vegas, NV

Staff

Nanika Bethel, MS	Experiential Education Coordinator, College of Pharmacy
Jennifer Carrasco	Administrative Assistant, Department of Pharmaceutical Sciences, College of Pharmacy
Tazianna Elysee	Admissions Advisor, Office of Student Affairs and Admissions, College of Pharmacy
Latisha Parnell	Finance Coordinator
Jessica Padilla	Coordinator of Academic Affairs, College of Pharmacy
Philip Sherman	Experiential Education Operations Advisor, College of Pharmacy
Carlos Zambrano	Security Guard

END OF CATALOG