

LECOM Medical School
Early Acceptance Program

Provided through an
AFFILIATION AGREEMENT
With
Penn State Altoona

1. Article I: Introduction

- 1.1. **Parties.** This Affiliation Agreement (Agreement) is made by and between Penn State Altoona and the Lake Erie College of Osteopathic Medicine (LECOM)
- 1.2. **Relationship of Parties.** The relationship between the parties to this Agreement and to each other is that of independent contractors. The relationship of the parties to this contract and to each other shall not be construed to constitute a partnership, joint venture or any other type of relationship, other than that of independent contractors.
- 1.3. **Purpose.** The purpose of the Agreement is to establish a joint undergraduate/professional program of education leading to the Doctor of Osteopathic Medicine degree (the Early Acceptance Program).
- 1.4. **Consideration.** The parties execute this Agreement in consideration of their mutual objective to establish an Early Acceptance Program.
- 1.5. **Early Acceptance Program.** This agreement establishes an Early Acceptance Program to which Penn State Altoona undergraduate students are enrolled jointly by Penn State Altoona and by LECOM. The Early Acceptance Program is designed to facilitate the admission of Penn State Altoona students into LECOM's Doctor of Osteopathic Medicine program. Once recommended by Penn State Altoona, LECOM will interview the student within the first two years of being enrolled at Penn State Altoona. Students interviewing successfully will be offered a provisional acceptance to LECOM's Doctor of Osteopathic Medicine program. Upon meeting the criteria for final acceptance, they will matriculate at the LECOM campus of their choice. Because this is a demanding professional program, the requirements listed for acceptance have been established to demonstrate that the student is capable of handling the rigorous course load.

2. Article II: Program Considerations

2.1. Representatives. Each party shall designate a representative responsible for expediting and directing applications and admissions to the Early Acceptance Program.

2.1.1. Penn State Altoona designates Carey Reed, Ph.D. or the Health Professions Advisor to be its representative to the Early Acceptance Program.

2.1.2. LECOM designates John Wojtkielewicz or the Office of Student Affairs to be its representative to the Early Acceptance Program.

2.1.3. In the event a party changes representatives, it shall notify the other of the change as soon as practical.

2.2. Curriculum. The Early Acceptance Program offers two tracks:

2.2.1. The “4+4” track is the recommend track for most students. It is comprised of two phases. Phase I consists of four years of undergraduate education at Penn State Altoona to complete a B.S. degree in Biology (Vertebrate Physiology Option) or a B.S. degree in Science (Life Science Option). Phase II consists of four years (three years for the Primary Care Scholars Pathway) of medical school education at LECOM and its associated clinical training sites.

2.2.2. The “3+4” track is available to all students but is typically utilized by the highly motivated student who wishes to enter medical school before receiving an undergraduate degree, a student with a financial hardship or a non-traditional student who already has a degree. It is comprised of two phases. Phase I consists of three years of undergraduate education at Penn State Altoona. Phase II consists of four years (three years for the Primary Care Scholars Pathway) of medical school education at LECOM and its associated clinical training sites.

2.2.2.1. Students enrolled in this track will receive a B.S. degree in Science (Life Science Option) from Penn State Altoona upon completion of at least 30 credit hours at LECOM.

2.2.2.2. Students in the “3+4” track may switch to the “4+4” track by notifying the Altoona designate no later than December 1st of Third Year of enrollment in the Program.

2.2.2.3. The Altoona designate will notify LECOM of the change via the annual enrollment form.

2.3. Campus Choice. LECOM has two campuses, the main campus in Erie, PA including an additional location at Seton Hill University in Greensburg, PA and a branch campus in Bradenton, FL. A student enrolled in the Early Acceptance Program may attend either campus. However, a student may only apply to one campus, not to both. The choice of campus must be designated on the enrollment form submitted to LECOM in December of the year preceding matriculation at LECOM. The American Association of Colleges of Osteopathic Medicine Application Service (AACOMAS) application and other required information listed in section 4.6 must be directed to the campus of choice.

2.4. Enrolled Students. A student interested in the “3+4” track should apply to enroll in the program as part of their application to Penn State Altoona but must enroll in the program by December 1st of their freshman year at Penn State Altoona. A student interested in the “4+4” track may apply to enroll as part of their application to Penn State Altoona or anytime before December 1st of their second year of study at Penn State Altoona.

2.4.1. Each year, by December 15th, the Altoona designate will send LECOM an updated annual enrollment form providing the following information for all new and previously enrolled students:

- 2.4.1.1. Full name;
- 2.4.1.2. Current school year;
- 2.4.1.3. Most recent cumulative GPA at Penn State Altoona;
- 2.4.1.4. SAT or ACT score;
- 2.4.1.5. High school GPA;
- 2.4.1.6. Expected year of enrollment in Phase II;
- 2.4.1.7. The anticipated MCAT test date;
- 2.4.1.8. The LECOM campus they plan to attend;
- 2.4.1.9. The request by the student for a LECOM admissions interview the following May.

2.4.2. Penn State Altoona and LECOM reserve the right to limit the number of students enrolled in this program (also, see section 2.5).

2.4.3. Students enrolled in this program may not enroll in another medical institution’s early acceptance program.

2.4.4. Penn State Altoona retains the right to dismiss students for academic or disciplinary reasons.

2.5. Number of Students Accepted. Each academic year, a combined total (Bradenton campus and Erie campus) of five (5) students will be accepted by LECOM into Phase II from Penn State Altoona's Early Acceptance Program.

2.5.1. LECOM agrees to admit qualified Penn State Altoona students to the LECOM Doctor of Osteopathic Medicine Program (Phase II).

2.5.1.1. The students must have successfully completed the requirements for an undergraduate degree at Penn State Altoona as described in Addendum A.

2.5.1.2. The students must have fulfilled admission requirements for LECOM, as outlined in Addendum B and throughout this document.

2.6. Student Inquiries. While enrolled in Phase I of the Early Acceptance Program, student inquiries should be directed to the Health Professions Advisor of Penn State Altoona. All student inquiries for information regarding Phase II application status should be directed to the LECOM Admissions Office of the campus to which they have applied.

2.7. Student Responsibility.

2.7.1. It is the interested student's responsibility to ensure that they meet the requirements for admission to Phase I as specified in Section 4.1 and section 4.2 and that they are properly enrolled in the Early Acceptance Program.

2.7.2. It is the enrolled student's responsibility to ensure that they meet the requirements for admission to Phase II as specified in Sections 4.3 and 4.4.

2.7.3. Penn State Altoona students are responsible for submitting all forms, applications and letters specified in section 4.6 (Application Contents) and ensuring that they have been received by LECOM's Office of Admissions.

2.7.4. In order to receive a baccalaureate degree from Penn State Altoona, students enrolled in the "3+4" track are responsible for requesting a LECOM transcript be sent to Penn State Altoona

following the completion of the first semester and/or second semester at LECOM.

2.7.5. Neither Penn State Altoona nor LECOM will consider incomplete applications.

2.7.6. Enrolled students should attend the annual on-campus day events held for affiliated students at LECOM. Travel arrangements and expenses are the responsibility of the student.

2.8. Penn State Altoona / LECOM Responsibility. Consultation and communication on program evaluations and student progress should be maintained by the Altoona designate and by John Wojtkielewicz of LECOM.

2.8.1. Penn State Altoona's Health Professions Advisor will provide counseling to students and evaluate students' performance in accordance with the requirements as stated herein.

2.8.2. Penn State Altoona will provide a LECOM recruiter with the opportunity to meet with enrolled and non-enrolled students to discuss LECOM's Programs.

2.8.3. LECOM will provide Penn State Altoona Admissions Recruiters and Health Professions Advisor with literature supporting the Early Acceptance Program and, if requested, one on-site visit per year.

2.8.4. LECOM will sponsor an annual meeting of Pre-Professional Health Care Advisors from the affiliated schools.

2.9. Interviews. All Early Acceptance Program students will normally be interviewed by LECOM in May.

2.9.1. Students wishing to receive the letter of provisional acceptance (See section 2.11) prior to entering Penn State Altoona should request a LECOM admissions interview as part of their application to Penn State Altoona. This interview will be performed following a recommendation by Penn State Altoona and before matriculation at Penn State Altoona

2.9.2. Students who were not interviewed prior to entering Penn State Altoona and are properly enrolled in Phase 1 must request an interview within their first two years of enrollment in the Early Acceptance Program. This request is made by having the Altoona designate indicate their request on the annual enrollment form.

- 2.9.3.** Students not interviewed within the first two years of enrollment will be guaranteed an interview but included with the general applicant pool's interviews for their year of matriculation but will not receive an early provisional letter of acceptance nor receive priority for their pathway selection.
- 2.9.4.** No additional interview will be required prior to entering Phase II.
- 2.10. Provisional Acceptance.** LECOM will provide a letter of provisional acceptance to the LECOM Doctor of Osteopathic Medicine Program or advise the student that they have not been accepted within two weeks of the completion of the interview.
- 2.10.1.** Provisionally accepted students must notify the LECOM Admissions Coordinator of the campus he or she wishes to attend by December 15th of the year prior to matriculation at LECOM.
- 2.10.2.** Provisionally accepted students may not apply to any other medical school. Application to another medical school will result in the loss of the student's provisional acceptance.
- 2.10.3.** Final acceptance of candidates to Phase II of the Early Acceptance Program will be determined by LECOM.
- 2.11. Learning Pathway Preference.** Provisionally accepted students choosing to attend the Erie campus in Erie, PA must notify the LECOM Admissions Coordinator in Erie of their preference for a learning pathway (Lecture Discussion (LDP), Problem Based Learning (PBL), Independent Study (ISP) or Primary Care Scholars (PCSP)) by December 15th of the year prior to matriculation.
- 2.11.1.** Enrolled students will be given the highest priority for their pathway selection.
- 2.11.2.** Only the Problem Based Learning Pathway is available at the Bradenton campus and at the Seton Hill University site of the Erie campus.
- 2.11.3.** Students desiring to enter the Primary Care Scholars Pathway will matriculate as LDP students and enter the Primary Care Interest Group from which, based upon a separate application and their performance during the twelve week common curriculum, they will be selected to participate in this pathway. Students not accepted into this pathway will remain in the Lecture Discussion Pathway.

- 2.12. Annual Reviews.** An annual review of the Early Acceptance Program will be conducted jointly by the parties to this Agreement. This review will include:
- 2.12.1.** A review of enrolled students' performance and progress.
 - 2.12.2.** A review of any changes to acceptance requirements
 - 2.12.3.** A review of other changes to the agreement.

3. Article III: Program Timeline

The following is the timeline for the Early Acceptance Program. A summary table is provided in Addendum E:

- 3.1.** Eligible students will submit an Early Acceptance Program application to the Altoona designate no later than December 1st of the second year of study at Penn State Altoona. Students wishing to enroll in the "3+4" track must apply no later than December 1st of their freshman year.
- 3.2.** Enrolled students will be interviewed and if successful, given a provisional letter of acceptance.
- 3.3.** Provisionally accepted students will submit a completed AACOMAS application by January 1st of the year they plan to matriculate at LECOM.
- 3.4.** Provisionally accepted students will submit an on-line LECOM secondary application by January 1st of the year they plan to matriculate at LECOM
- 3.5.** Provisionally accepted students should take the MCAT no later than January 31st of the year of entering Phase II of the Early Acceptance Program. Only a student in the "3+4" track may request, in writing, for approval by the Altoona designate and by LECOM to take the MCAT in April of their final year of Phase 1. Successful MCAT scores must be received prior to full acceptance; taking the April MCAT could significantly delay the notification of final acceptance.
- 3.6.** Provisionally accepted students will notify LECOM of their campus and learning pathway preference by December 15th of the year prior to matriculation at LECOM.
- 3.7.** LECOM will inform provisionally accepted students of full acceptance no later than June 30th of the matriculation year. Full acceptance will be granted if Phase II admissions criteria are met, the matriculation deposit fee is paid and all other required documentation is received by LECOM's Admissions Office.

4. Article IV: Admission to the Affiliated Program

4.1. **Eligibility for Admission to Phase I.** All students, except transfer students, who have met Penn State Altoona's entrance requirements, who will be or are currently full time students at Penn State Altoona and meet or exceed the minimum Admissions Criteria listed in section 4.2, are eligible to enroll in Phase I of the Early Acceptance Program.

4.2. **Typical Admissions Criteria to Phase I.**

- | | | |
|--------|---------------------------------|--------|
| 4.2.1. | SAT (Math + Verbal) | ≥ 1200 |
| | or | |
| | ACT Score | ≥ 26 |
| 4.2.2. | High School Grade Point Average | ≥ 3.5 |

4.3. **Eligibility for Admission to Phase II.** To be eligible for Phase II of the Early Acceptance Program, Penn State Altoona students must:

- 4.3.1. Be enrolled as a full time student and maintain that status throughout their participation in Phase I;
- 4.3.2. Be enrolled in Phase I of the Early Acceptance Program;
- 4.3.3. Be a U.S. citizen or permanent resident;
- 4.3.4. Satisfy the minimum course requirements outlined in Addendum B by completing the curriculum listed in Addendum A with the following restrictions:
 - 4.3.4.1. Courses listed in Addendum A must be completed by the end of the spring term prior to matriculation at LECOM.
 - 4.3.4.2. Students must be enrolled in enough courses each term to meet or exceed the total credit hours per term specified in Addendum A.
 - 4.3.4.3. Students must comply with all of Penn State Altoona's policies regarding withdrawal from a course and repeating a course.
 - 4.3.4.4. A grade of "C" or better must be achieved in any of the courses listed in Addendum B.
 - 4.3.4.5. Courses listed in Addendum B should not be taken in the summer unless sequential scheduling necessitates it.

4.3.4.6. Up to eight (8) credit hours of courses listed in Addendum B taken at another regionally accredited college or university while attending Penn State Altoona or while in high school would satisfy the requirements of Addendum B but cannot be used to reduce the coarse load of Addendum A. Therefore, in order to meet the conditions set forth in section 4.3.4.2, a substitute course applicable to the field of medicine or a course of similar academic rigor, if approved by the Phase I advisor, must be taken.

4.3.4.7. LECOM will not accept Pass/Fail grades for courses listed in Addendum B.

4.3.4.8. LECOM will not accept CLEP credits to fulfill the minimum requirements listed in Addendum B.

4.3.4.9. Penn State Altoona may accept Advanced Placement (AP) credits to fulfill the minimum requirements listed in Addendum A; however, LECOM will not accept AP credits to fulfill the requirements of Addendum B. A substitute course of equal or greater credit hours and in the same discipline as that replaced by the AP credits must be taken at Penn State Altoona.

4.3.5. Display the scholarly and professional potential to practice medicine and express a desire to become an osteopathic physician;

4.3.6. Not be part of any other medical school's accelerated program;

4.3.7. Satisfy the requirements for the Baccalaureate Degree degree in an appropriate field at Penn State Altoona, as set forth in Addendum A for the Early Acceptance Program.

4.4. Admission Criteria for Phase II. Admission to LECOM is subject to the applicant's meeting the following minimum criteria:

4.4.1. Overall GPA ≥ 3.4

4.4.2. Science GPA ≥ 3.2

4.4.3. MCAT ≥ 24

*no lower than 7 in any category

4.4.4. Shadowing an osteopathic physician is highly recommended but not required;

4.4.5. Clear a criminal record check. LECOM will do a state and/or federal background check on all matriculating students.

4.4.6. Meet and agree to LECOM's Health and Technical Standards (Addendum F)

4.5. Admissions Procedure. Admission to LECOM is not guaranteed by enrollment in this program; however, LECOM will reserve a seat for each provisionally accepted student, pending final acceptance. To gain final acceptance to Phase II of the Early Acceptance Program, students must:

4.5.1. Apply to LECOM through the American Association of Colleges of Osteopathic Medicine (AACOM) by January 1st of the year they plan to matriculate at LECOM;

4.5.2. Submit the online LECOM secondary application by January 1st of the year they plan to matriculate at LECOM;

4.5.3. Arrange for letters of recommendation and all supporting documentation to be submitted for review by LECOM;

4.5.4. Provide a letter of recommendation from an osteopathic physician by April 1 of the year of matriculation.

4.6. Application Contents (Phase II). A completed application to Phase II of the Affiliated Program consists of the following:

4.6.1. A completed AACOMAS Application;

4.6.2. A completed LECOM supplemental application;

4.6.3. Official transcript(s) reflecting all college credit;

4.6.4. MCAT scores from the examination taken no later than January 31st of the year of intended matriculation at LECOM (Students enrolled in the "3+4" track who have received permission to take the April MCAT will have until June 1st of the year of intended matriculation);

4.6.5. A detailed evaluation and recommendation from the Altoona designates or the Health Professions Advisor;

4.6.6. A letter of recommendation from an osteopathic physician.

4.7. Full Acceptance by LECOM. LECOM will offer full acceptance to applicants for the LECOM Doctor of Osteopathic Medicine Program in accordance with LECOM's admission criteria.

4.7.1. LECOM will notify those provisionally accepted applicants of full acceptance to the LECOM Doctor of Osteopathic Medicine Program by June 30th of the year of expected matriculation at LECOM.

4.7.2. Full acceptance will be granted if Phase II admissions criteria are met, the matriculation deposit fee is paid and all other required documentation are received by LECOM's Admissions Office.

4.7.3. Students matriculating into Phase II of the Early Acceptance Program must agree to abide by all rules, regulations and policies of LECOM as set forth in appropriate documents of the institution.

4.7.4. Final acceptance of candidates to Phase II of the Early Acceptance Program will be determined by LECOM.

4.8. Notice of Intent to Enroll at LECOM. Within two weeks from the date he or she received notice of full acceptance into the LECOM Doctor of Osteopathic Medicine Program, a successful applicant must notify the LECOM Admissions Coordinator that he or she wishes to enroll. Payment of the \$1500.00 matriculation fee is not required at the time the notice to enroll is made, but must be made no later than the first week of June. Students not notified of full acceptance until after the first week of June must pay the matriculation fee when submitting their notice of intent to enroll. The matriculation fee will be applied to the first year's tuition.

5. *Article V: Degree Awarded*

5.1. Baccalaureate Degree for the Early Acceptance Program.

5.1.1. Students enrolled in the "4+4" track will be awarded a Baccalaureate Degree degree in an appropriate field from Penn State Altoona upon completing the degree requirements as outlined in Addendum A.

5.1.2. Following their completion of the first semester at LECOM, LECOM will transfer 30 credit hours to Penn State Altoona for all students enrolled in the "3+4" track. Penn State Altoona will then confer the appropriate baccalaureate degree upon these students at their next regularly scheduled graduation ceremony.

- 5.2. **Degree of Osteopathic Medicine.** Students will be awarded the degree of Doctor of Osteopathic Medicine by LECOM after successful completion of the four-year medical curriculum, successfully passing COMLEX-1, COMLEX-2 CE and COMLEX-2 PE of the National Board of Osteopathic Medical Examiners, and otherwise satisfying all requirements as identified by LECOM for graduation.

6. Article VI: General Considerations

- 6.1. **Publicity.** Penn State Altoona and LECOM may feature the Early Acceptance Program in their respective catalogues and admission activities, and may refer to the Program in their career counseling of students interested in Osteopathic Medicine.
- 6.2. **Nondiscrimination/Sexual Harassment Clause.** During the term of the Contract, the Parties agree as follows:
- 6.2.1. To continue their respective policies of nondiscrimination based on Title VI of the Civil Rights Act of 1964 in regard to sex, age, race, color, creed, national origin, Title IX of the Education Amendments of 1972 and other applicable laws, as well as the provisions of the Americans with Disabilities Act.
- 6.2.2. To establish and maintain a written sexual harassment policy and shall inform their employees of the policy. The policy must contain a notice that sexual harassment, including discrimination based upon sexual orientation, will not be tolerated and employees who practice it will be disciplined.
- 6.3. **Amendment of Requirements.** From time to time, Penn State Altoona may amend the requirements for the Baccalaureate Degree degree and LECOM may amend the requirements for admission to the Doctor of Osteopathic Medicine Program.
- 6.3.1. Amendments to LECOM's admission requirements resulting from changes made by the LECOM's accreditation agencies will become effective in accordance with the dates specified by the agency making the change. The specified changes will apply to all students currently enrolled in the Early Acceptance Program and to all applicants to the Early Acceptance Program.
- 6.3.2. Any amendment(s) to LECOM's admission requirements, except those covered by line 6.3.1, shall not be effective for Penn State Altoona students enrolled in the Program as of January 1st of the academic year to which the change(s) first apply. The new requirements will apply to all other students and applicants.

- 6.3.3.** Any amendments made to the pre-medical program requirements at Penn State Altoona must comply with LECOM's requirements as set forth in Addendum B.
- 6.3.4.** In the event that such amendment(s) may occur, the amending party shall notify the other of any change(s) prior to January 1st of the academic year in which the change(s) first apply.
- 6.4. Term of Agreement.** This Agreement shall commence upon being signed by both parties and shall continue from academic year to academic year unless terminated.
- 6.5. Termination of Agreement.** Penn State Altoona or LECOM may terminate this Agreement for any reason with ninety (90) days written notice, which shall be given by Registered or Certified Mail directed to the attention of the President of the appropriate institution. Either party may terminate this Agreement in the event of a substantial breach. In the event of termination, the parties to this Agreement shall honor commitments to any student currently enrolled in the Early Acceptance Program.
- 6.6. Interpretation of Agreement.** The laws of the Commonwealth of Pennsylvania shall govern the interpretation and enforcement of this Agreement.
- 6.7. Liability.** Neither LECOM nor Penn State Altoona assumes any liabilities to each other. As to liability for damage, injuries or death to persons, or damages to property, Penn State Altoona and LECOM do not waive any defense as a result of entering into this contract. This provision shall not be construed to limit the Commonwealth's rights, obligations, liabilities, claims or defenses that arise as a matter of law pursuant to any provisions of this contract. This provision shall not be construed to limit the sovereign immunity of the Commonwealth or the State System of Higher Education or Penn State Altoona.
- 6.8. Modifications.** The terms of this Agreement may not be modified unless a modification is agreed to by both parties, in writing.
- 6.9. Entire Agreement.** This Agreement constitutes the entire Agreement between the parties and supersedes all prior communications, agreements and understandings, written or oral, with respect to the subject matter of this Agreement.

**LECOM Medical School
Early Acceptance Program
AFFILIATION AGREEMENT
with
Penn State Altoona**

The affiliation agreement, as presented in the preceding pages of this document, will become effective when all parties listed below have signed the agreement.

Silvia M. Ferretti, D.O. 9/3/2010
Silvia M. Ferretti, D.O. Date
Dean and Vice-President of
Academic Affairs
Lake Erie College of
Osteopathic Medicine

Madlyn L. Hanes 10/28/10
Madlyn L. Hanes, Ph.D. Date
Vice President and Dean for
Commonwealth Campuses
The Pennsylvania State University

John M. Ferretti, D.O. 9/3/10
John M. Ferretti, D.O. Date
President
Lake Erie College of
Osteopathic Medicine

Robert N. Pangborn 10/30/10
Robert Pangborn, Ph.D. Date
Vice President and Dean for
Undergraduate Education
The Pennsylvania State University

Lori J. Bechtel-Wherry 8/30/10
Lori J. Bechtel-Wherry, Ph.D. Date
Chancellor
The Pennsylvania State University
Altoona College

Darin Zimmerman 8/31/10
Darin Zimmerman, Ph.D. Date
Head, Division of Mathematics &
Natural Sciences
The Pennsylvania State University
Altoona College

ADDENDUM A1a

Phase I for the "4+4" Track

THREE-YEAR UNDERGRADUATE PROGRAM IN SCIENCE (LIFE SCIENCE OPTION) AT PSA¹ AND FOUR-YEAR MEDICAL PROGRAM AT LECOM

FIRST YEAR (PSA)

FIRST SEMESTER (15 CREDITS)		SECOND SEMESTER (15.5-16.5 CREDITS)	
BIOL 110 [4]	Biology: Concepts	MICRB 201 [3]	Microbiology
ENGL 15 or 30 [3]	Composition & Rhetoric	Foreign Lang[4] or ELECT [3]	
CHEM 110 [3]	Chemical Principles	MATH 141 [4]	Calculus II
CHEM 111 [1]	Experimental Chem	CHEM 112 [3]	Chemical Principles
MATH 140 [4]	Calculus I	CHEM 113 [1]	Experimental Chem
		GHA [1.5]	

SECOND YEAR (PSA)

THIRD SEMESTER (16-17 CREDITS)		FOURTH SEMESTER (15 CREDITS)	
BIOL 230W [4]	Biology: Molecular	BIOL 240W [4]	Biology: Structure/Function
STAT 250 [3] ²	Bio Statistics	CHEM 212 [3]	Organic Chem II
CHEM 210 [3]	Organic Chemistry	CHEM 213 [2]	Lab in Organic Chem
Foreign Lang [4] or ELECT [3]		S/H/A SELECT ³ [3]	
S/H/A SELECT ³ [3]		CAS 100 [3]	Effective Speech

THIRD YEAR (PSA)

Fifth SEMESTER (15-16 CREDITS)		Sixth SEMESTER (15-16 CREDITS)	
BIOL 472 [3]	Mammalian Physiology	BIOL, BMB or MICRB 4XX [3]	400-level selection II
BIOL, BMB or MICRB 4XX [3]	400-level selection	PHYS 251 [4]	Introductory Physics
Phys 250 [4]	Introductory Physics I	S/H/A SELECT ³ [3]	
ENGL 202C [3]	Technical Writing	S/H/A SELECT ³ [3]	
ELECTIVE [2-3]		ELECTIVE [3]	

FOURTH YEAR (PSA)

Seventh SEMESTER (15-16 CREDITS)		Eighth SEMESTER (15.5-16.5 CREDITS)	
Any 4XX [3]		Any 4XX [3]	
S/H/A SELECT ³ [3]		S/H/A SELECT ³ [3]	
ELECTIVE [3]		ELECTIVE [3]	
ELECTIVE [3]		ELECTIVE [3]	
ELECTIVE [2-3]		ELECTIVE [2-3]	

¹Curriculum subject to revision.

² Other choices include CMPSC 101, MATH 250, or STAT 200

³S/H/A (total 18 credits)

6 credits in Arts courses designated with GA suffix.

6 credits in Humanities courses designated with GH suffix. PHIL 103 recommended.

6 credits in Social Science courses designated with GS suffix. PSYCH 100 recommended.

A minimum of 3 credits must be designated with an International Cultures (IL) suffix and a minimum of 3 credits must be designated with an US Cultures (US) suffix.

Medical College Admission Test (MCAT)

The MCAT should be taken in the spring semester of the third year.

		GHA [1.5]	
--	--	-----------	--

ADDENDUM A1b

Phase I for the "4+4" Track

THREE-YEAR UNDERGRADUATE PROGRAM IN BIOLOGY (VERTEBRATE PHYSIOLOGY OPTION) AT PSA⁴ AND FOUR-YEAR MEDICAL PROGRAM AT LECOM

FIRST YEAR (PSA)

FIRST SEMESTER (15 CREDITS)		SECOND SEMESTER (16.5 CREDITS)	
BIOL 110 [4]	Biology: Concepts	BIOL 220W [4]	Microbiology
ENGL 15 or 30 [3]	Composition & Rhetoric	ELECTIVE [3]	
CHEM 110 [3]	Chemical Principles	MATH 141 [4]	Calculus II
CHEM 111 [1]	Experimental Chem	CHEM 112 [3]	Chemical Principles
MATH 140 [4]	Calculus I	CHEM 113 [1]	Experimental Chem
		GHA [1.5]	

SECOND YEAR (PSA)

THIRD SEMESTER (16 CREDITS)		FOURTH SEMESTER (15 CREDITS)	
BIOL 230W [4]	Biology: Molecular	BIOL 240W [4]	Biology: Structure/Function
STAT 250 [3] ⁵	Bio Statistics	CHEM 212 [3]	Organic Chem II
CHEM 210 [3]	Organic Chemistry	CHEM 213 [2]	Lab in Organic Chem
ELECTIVE [3]		S/H/A SELECT ⁶ [3]	
S/H/A SELECT ⁶ [3]		CAS 100 [3]	Effective Speech

THIRD YEAR (PSA)

Fifth SEMESTER (15 CREDITS)		Sixth SEMESTER (16 CREDITS)	
BIOL 472 [3]	Mammalian Physiology	BIOL 4XX [3]	400-level selection
BIOL 473 [2]	Physiology Laboratory	PHYS 251 [4] or Phys 212[4]	(Introductory) Physics II
Phys 250 [4] or Phys 211[4]	(Introductory) Physics I	S/H/A SELECT ⁶ [3]	
ENGL 202C [3]	Technical Writing	S/H/A SELECT ⁶ [3]	
ELECTIVE [3]		ELECTIVE [3]	

FOURTH YEAR (PSA)

Seventh SEMESTER (15-16 CREDITS)		Eighth SEMESTER (16.5 CREDITS)	
BMB 401 [2]	General Biochemistry	BMB 402 [3]	General Biochemistry
BIOL 4XX [3]		S/H/A SELECT ⁶ [3]	
S/H/A SELECT ⁶ [3]		BIOL 4XX [3]	
Phys 213/214 or ELECT [3-4]		BIOL 4XX [3]	
ELECTIVE [3]		ELECTIVE [3]	
		GHA [1.5]	

⁴Curriculum subject to revision.

⁵ Other choices include STAT 200, STAT 240, or an advanced statistics course [3].

⁶S/H/A (total 18 credits)

6 credits in Arts courses designated with GA suffix.

6 credits in Humanities courses designated with GH suffix. PHIL 103 recommended.

6 credits in Social Science courses designated with GS suffix. PSYCH 100 recommended.

A minimum of 3 credits must be designated with an International Cultures (IL) suffix and a minimum of 3 credits must be designated with an US Cultures (US) suffix.

Medical College Admission Test (MCAT)

The MCAT should be taken in the spring semester of the third year.

ADDENDUM A2

Phase I for the "3+4" Track

THREE-YEAR UNDERGRADUATE PROGRAM IN SCIENCE (LIFE SCIENCE OPTION) AT PSA⁷ AND FOUR-YEAR MEDICAL PROGRAM AT LECOM

FIRST YEAR (PSA)

FIRST SEMESTER (16 CREDITS) ⁸		SECOND SEMESTER (17-18 CREDITS) ⁵	
BIOL 110 [4]	Biology: Concepts	MICRB 201 [3]	Microbiology
ENGL 15 or 30 [3]	Composition & Rhetoric	Foreign Lang[4] or ELECT [3]	
CHEM 110 [3]	Chemical Principles	MATH 141 [4]	Calculus II
CHEM 111 [1]	Experimental Chem	CHEM 112 [3]	Chemical Principles
MATH 140 [4]	Calculus I	CHEM 113 [1]	Experimental Chem
		S/H/A SELECT ⁹	

SECOND YEAR (PSA)

THIRD SEMESTER (16-17 CREDITS) ⁵		FOURTH SEMESTER (18 CREDITS) ⁵	
BIOL 230W [4]	Biology: Molecular	BIOL 240W [4]	Biology: Structure/Function
STAT 250 [3] ¹⁰	Bio Statistics	CHEM 212 [3]	Organic Chem II
CHEM 210 [3]	Organic Chemistry	CHEM 213 [2]	Lab in Organic Chem
Foreign Lang[4] or ELECT [3]		CAS 100 [3]	Effective Speech
S/H/A SELECT ⁹		S/H/A SELECT ⁹	
		S/H/A SELECT ⁹	

THIRD YEAR (PSA)

Fifth SEMESTER (16 CREDITS)		Sixth SEMESTER (16 CREDITS)	
BIOL 472 [3]	Mammalian Physiology	BIOL, BMB or MICRB 4XX [3]	400-level selection
Any 4XX [3]		NUTR 251 [3]	Intro Prin of Nutrition
Phys 250 [4]	Introductory Physics I	PHYS 251 [4]	Introductory Physics II
ENGL 202C [3]	Technical Writing	Any 4XX [3]	
S/H/A SELECT ⁹		S/H/A SELECT ⁹	

⁷Curriculum subject to revision.

⁸Students may wish to attend summer courses to reduce the academic year load with advisor approval.

⁹S/H/A (total 18 credits)

6 credits in Arts courses designated with GA suffix.

6 credits in Humanities courses designated with GH suffix. PHIL 103 recommended.

6 credits in Social Science courses designated with GS suffix. PSYCH 100 recommended.

A minimum of 3 credits must be designated with an International Cultures (IL) suffix and a minimum of 3 credits must be designated with an US Cultures (US) suffix.

¹⁰ Other choices include CMPSC 101, MATH 250, or STAT 200

Medical College Admission Test (MCAT)

The MCAT should be taken in the spring semester of the third year.

ADDENDUM B

MINIMUM UNDERGRADUATE COURSES NEEDED*

- 6 Credit Hours of English,
- 6 Credit Hours of Behavioral Science
- 8 Credit Hours of Physics including two labs
- 8 Credit Hours Biology including two labs
- 8 Credit Hours Inorganic Chemistry including two labs
- 8 Credit Hours Organic Chemistry including two labs

*CLEP and/or AP credits may not be used to satisfy any of the minimum requirements. No grade lower than "C" will be accepted.

ADDENDUM C

Phase II

FIFTH YEAR (FIRST YEAR AT LECOM)

COURSE LISTING

1st Semester		2nd Semester	
Course	Credit Hours	Course	Credit Hours
Anatomy	10.0	Basic Neuroscience	12.5
Biochemistry	3.0	Biochemistry & Genetics	1.5
Embryology	1.5	Clinical Neuroscience	12.5
Health Care Management	1.0	Health Care Management	1.0
Histology	1.0	History & Physical	2.5
Microbiology & Immunology	2.0	Human Sexuality	1.5
Osteopathic Practices & Principles	4.0	Osteopathic Practices & Principles	4.0
Pathology	1.0	Musculoskeletal System	10.0
Pharmacology	1.5	Microbiology w/lab	2.5
Physiology	4.0	Pharmacology	1.5
Spirituality, Medicine and Ethics	1.0		
Total Credit Hours	30.0	Total Credit Hours	49.5

ADDENDUM C (CONT.)

SIXTH YEAR (SECOND YEAR AT LECOM)

COURSE LISTING

1st Semester		2nd Semester	
Course	Credit Hours	Course	Credit Hours
Cardiovascular System	15.0	Digestive System (GI)	12.5
Respiratory System	10.0	Endocrine System	7.5
Renal System	7.5	Reproductive System	7.5
Hematology/Oncology System	7.5	Advanced Cardiac Life Support	1.0
Public Health	1.0	Integumentary System	5.0
Geriatrics	1.0	History & Physical	2.5
History & Physical	2.5	Intro to Behavioral Health	2.5
Osteopathic Practices & Principles	4.0	Osteopathic Practices & Principles	4.0
Medical Jurisprudence	1.5		
Total Credit Hours	<u>50.0</u>	Total Credit Hours	<u>42.5</u>

The application of Emergency Medicine, Environmental Medicine and Pediatrics is included in the discussion of each system.

Board Preparation & Review is done as part of the second semester curriculum

ADDENDUM C (CONT.)

SEVENTH YEAR (THIRD YEAR AT LECOM)

COURSE LISTING

Clinical Rotations (Clerkships)

- INTERNAL MEDICINE (8 WEEKS)
- OBSTETRICS/GYNECOLOGY (4 WEEKS)
- GENERAL SURGERY (8 WEEKS)
- ANESTHESIOLOGY/PAIN MANAGEMENT (4 WEEKS)
- RADIOLOGY (4 WEEKS)
- FAMILY MEDICINE (4 WEEKS)
- PEDIATRICS (4 WEEKS)
- PSYCHIATRY/BEHAVIORAL SCIENCES (4 WEEKS)
- ELECTIVE (8 WEEKS)
- VACATION (4 WEEKS)

ADDENDUM C (CONT.)

EIGHTH YEAR (FOURTH YEAR AT LECOM)

COURSE LISTING

Clinical Rotations (Clerkships)

- MEDICAL SELECTIVE (4 WEEKS)
- PRIMARY CARE SELECTIVE (4 WEEKS)
- AMBULATORY MEDICINE (8 WEEKS)
- EMERGENCY MEDICINE (8 WEEKS)
- RURAL/UNDERSERVED MEDICINE (4 WEEKS)
- CARDIOLOGY/ CRITICAL CARE (4 WEEKS)
- ELECTIVE (8 WEEKS)
- VACATION (8 WEEKS)

ADDENDUM D

FIFTH YEAR (FIRST YEAR AT LECOM)

Bradenton, FL COURSES AND CREDITS

Year 1, Semester 1

Course Number	Course Title	Credit Hours
112	PBL I	27.0
173	Clinical Examination I	3.0
170	Osteopathic Principles & Practice I	5.0
120	Clinical Human Anatomy	11.0
	Total	46.0

Year 1, Semester 2

Course Number	Course Title	Credit Hours
113	PBL II	40.0
172	Clinical Examination II (includes BLS)	3.0
171	Osteopathic Principles & Practice II	5.0
216	Geriatric Medicine	1.0
145	Medical Ethics/Spirituality in Medicine	2.0
125	Healthcare Management	2.5
255	Public Health	1.0
	Total	54.5

ADDENDUM D Cont.

SIXTH YEAR (SECOND YEAR AT LECOM)

**Bradenton, FL
COURSES AND CREDITS**

Year 2, Semester 1

Course Number	Course Title	Credit Hours
212	PBL III	40.0
273	Clinical Examination III	3.0
270	Osteopathic Principles & Practice III	5.0
280	Behavioral Science/Substance Abuse	2.5
250	Medical Jurisprudence	2.0
240	Human Sexuality	1.0
	Total	53.5

Year 2, Semester 2

Course Number	Course Title	Credit Hours
213	PBL IV	40.0
274	Clinical Examination IV	3.0
271	Osteopathic Principles & Practice IV	5.0
200	Advanced Cardiac Life Support (ACLS)	1.5
	Total	49.5

ADDENDUM D Cont.

SEVENTH YEAR (THIRD YEAR AT LECOM)

Bradenton, FL COURSES AND CREDITS

Year 3

Course Number	Rotation Title	Credit Hours
320	General Surgery	20.0
312	Core Selective	10.0
315	Family Medicine	10.0
305	MS3 Clinical Elective I	10.0
310	MS3 Clinical Elective II	10.0
355	Pediatrics	10.0
350	Obstetrics/Gynecology	10.0
335	Internal Medicine	30.0
360	Psychiatry	10.0
	Total	120.0

Year 4

EIGHTH YEAR (FOURTH YEAR AT LECOM)

Course Number	Rotation Title	Credit Hours
400	Ambulatory Medicine	20.0
415	MS4 Clinical Elective I	10.0
420	MS4 Clinical Elective II	10.0
421	MS4 Clinical Elective III	10.0
423	MS4 Clinical Elective IV	10.0
445	MS4 Surgical Selective	10.0
465	Rural Underserved Medicine	10.0
460	Primary Care Selective	10.0
430	Emergency Medicine	20.0
455	Medical Selective	10.0
	Total	120.0

ADDENDUM E

Timeline Summary

4+4

Academic Year	Deadline	Task	Responsibility of:
1 High School Sr.		apply to undergraduate school	student
2 Sophomore	1-Dec	apply to 4+4 program	student
3 Junior	28-Feb	Letter of recommendation	Health Professions Evaluation Committee
4 Junior	30-May	interview with LECOM	LECOM
5 Junior	15-Jun	Notification of provisional acceptance or rejection	LECOM
6 Senior	31-Jan	Submit AACOMAS Application	student
7 Senior	31-Jan	Submit LECOM supplemental on-line application	student
8 Senior	31-Jan	Take MCAT	student
9 Senior	28-Feb	D.O. Letter of recommendation	D.O.
10 Annually	15-Dec	Submit annual enrollment form to LECOM	Altoona designate.
11 Annually	none	attend affiliation on-campus day	student
12 post graduation	30-Jun	notification of full acceptance	LECOM
13 post graduation	30-Jun	All documents & fees have been submitted or paid	student

items 2-5 can be done from the time of application to undergraduate school through the deadline listed

3+4

Academic Year	Deadline	Task	Responsibility of:
1 High School Sr.		apply to undergraduate school	student
2 Freshman	1-Dec	apply to 3+4 program	student
3 Sophomore	28-Feb	Letter of recommendation	Health Professions Evaluation Committee
4 Sophomore	30-May	interview with LECOM	LECOM
5 Sophomore	15-Jun	Notification of provisional acceptance or rejection	LECOM
6 Junior	31-Jan	Submit AACOMAS Application	student
7 Junior	31-Jan	Submit LECOM supplemental on-line application	student
8 Junior	31-Jan	Take MCAT	student
9 Junior	28-Feb	D.O. Letter of recommendation	D.O.
10 Annually	15-Dec	Submit annual enrollment form to LECOM	Altoona designate
11 Annually	none	attend affiliation on-campus day	student
12 post graduation	30-Jun	notification of full acceptance	LECOM
13 post graduation	30-Jun	All documents & fees have been submitted or paid	student
14 1st year LECOM		by undergraduate school LECOM transcript sent to undergraduate school	student

items 2-5 can be done from the time of application to undergraduate school through the deadline listed

ADDENDUM F

HEALTH AND TECHNICAL STANDARDS

All candidates must meet the health and technical standards requisite for admission and participation in the educational programs of the School. Because the Pharm.D. degree signifies that the holder is prepared for entry into the practice of pharmacy, it follows that graduates must have the knowledge

and skills to function in a broad variety of situations and render patient-centered care to patients.

The candidate for the Pharm. D. degree must be able to demonstrate intellectual-conceptual, integrative and quantitative abilities; skills in observation, communication, and motor functions; and mature behavioral and social attributes. Technological compensation can be made for some disabilities in some of these areas, but a candidate must be able to perform in a reasonably independent manner without a trained intermediary. (The use of a trained intermediary implies that the candidate's judgment must be mediated by someone else's powers of selection and observation.)

1. **Observation.** The candidate should be able to observe demonstrations and experiments in the basic sciences including, but not limited to: physiologic, pharmaceutical, pharmacologic and microbiologic demonstrations involving animals, microbiologic cultures, and microscopic studies of microorganisms and tissues in normal and pathologic states. A candidate should be able to observe a patient accurately at a distance and close at hand. Observation necessitates the functional use of the sense of vision and somatic sensation. It is enhanced by the functional use of the sense of smell.
2. **Communication.** A candidate should be able to observe patients in order to elicit information, describe changes in mood, activity, and posture, and perceive nonverbal communications. A candidate should be able to communicate effectively and sensitively with patients. Communication includes not only speech, but also reading and writing. The candidate should be able to communicate effectively and efficiently in oral and written form with all members of a health care team.
3. **Motor.** Candidates should have sufficient coordination of both gross and fine muscular movements and equilibrium. The candidate must also have the functional use of the senses of touch and vision to perform laboratory experiments and provide patient-centered care required in the curriculum such as microbiology testing, pharmaceutical compounding, and/or physical assessment of the patient.

4. **Intellectual - Conceptual, Integrative, and Quantitative Abilities.** These abilities required of the candidates include measurement, calculations, reasoning, analysis, and synthesis. Problem solving, the critical skill demanded of pharmacists, requires all of these intellectual abilities. In addition, the candidates should be able to comprehend three-dimensional relationships and to understand the spatial relationships of structures.
5. **Behavioral and Social.** Candidates must possess the emotional health required for full use of their intellect, the exercise of good judgment, the prompt completion of all responsibilities in the provision of patient-centered care to patients and the development of mature, sensitive and effective relationships with patients and colleagues. The candidate must be able to cope with strenuous workloads and changing environments with flexibility, and to cope with ambiguity in decision making. Compassion, integrity, concern for others, interpersonal skills, interest, and motivation are all personal qualities that are essential for the successful functioning pharmacist. The candidate must be free of psychopathic or sociopathic behaviors which are contrary to professional and ethical standards. Emotional instability precludes the successful completion of the pharmacy curriculum. Any of the above behaviors are inconsistent with the standards of the Institution and will result in denial of admission or expulsion from the School. Candidates must be intellectually honest, ethical, law-abiding and without felony convictions. Candidates should have no record of suspensions for academic misconduct or behavior showing disregard for the law or other individuals, other than minor traffic violations.
6. **General Health.** The candidate must have sufficient physical stamina to perform strenuous workloads for long periods. Candidates should be free of chronic debilitating diseases that preclude successful completion of the pharmacy curriculum. The candidate must be free of active infectious diseases which are highly contagious in a health care setting.

IMPLEMENTATION

The Admissions Committee will evaluate candidates according to the Health and Technical Standards through review of records, written statements and Interviews. Candidates will be provided a copy of Standards as part of the admissions materials. Accepted students will be required to sign a statement acknowledging receipt of Standards. Admitted students who have falsified records or made false written or oral statements during the admission process shall be subject to expulsion from the School.