THE "3 + 4"
ACCELERATED PROGRAM
IN PRIMARY CARE

An Affiliation Agreement Between

The Lake Erie College
of Osteopathic Medicine

and

The Pennsylvania State University at Erie, The Behrend College

BACKGROUND

The Lake Erie College of Osteopathic Medicine (LECOM) and The Pennsylvania State University at Erie, The Behrend College (PSB) hereby agree to cooperate in the training of future practitioners of primary care medicine. Under the joint agreement between LECOM and PSB, selected undergraduate students who have successfully completed specific core course requirements at PSB may continue their education in medicine at LECOM in an accelerated program of study. This accelerated academic program is referred to as The "3 + 4" Accelerated Program in Primary Care (or Program).

The Program is comprised of two phases: Phase I consists of the first three years of undergraduate education at PSB; Phase II consists of the remaining four years of medical school education at LECOM and its associated clinical training sites. PSB will confer the Bachelor of Science (B.S.) degree in Biology to PSB students who have successfully completed the PSB courses in Phase I (minimum 103 credits) at PSB and the first year of LECOM's academic curriculum.
PHASE I

Students will be admitted to the PSB Phase (Phase I) of the Program based upon the following criteria:

1. SAT Combined Score 1200
2. High School Grade Point Average 3.5
3. High School Class Rank Top 25% of the class
4. Residency Preference given to Pennsylvania, eastern Ohio, and southwestern New York residents from rural areas
5. Potential Additional evidence of scholarly and professional potential and desire to become a primary care physician.

The residency criterion means that preference will be given to students applying from Pennsylvania, eastern Ohio, and southwestern New York (preferably from rural areas), but highly qualified applicants from other geographic locations will also be considered.

Acceptance to Phase I of the Program will be determined jointly by PSB and LECOM. PSB representatives will interview applicants to Phase I of the Program and recommend acceptable applications to LECOM for review. LECOM will notify PSB in writing within thirty days of receipt of the application of acceptance into Phase I.

Responsibilities of PSB and students:

1. Student shall maintain a cumulative PSB grade point average of 3.3 or better on a 4.0 grade scale.

2. Student must earn a grade of C or better in all PSB courses.
3. PSB Program advisor will provide counseling to student and evaluate student’s performance in accordance with the requirements as stated herein.

4. PSB Program advisor, or appropriate personnel, shall contact LECOM’s Admissions Coordinator/Registrar or its Admissions Assistant/Recruiter for assistance regarding student progress on application documentation.

5. PSB retains the right to dismiss student for academic or disciplinary reasons.

Students successful in Phase I will be interviewed by LECOM in the third Program year prior to admission to Phase II of the Program. Final acceptance of candidates to Phase II of the Program will be determined by LECOM.

Typically, a maximum of five students will be admitted to Phase I of the Program each year.
PHASE II
LECOM Admissions Procedure

To gain final acceptance to Phase II of the Program, students must apply through the American Association of Colleges of Osteopathic Medicine (AACOMAS) to LECOM by August 30 beginning the third year. A LECOM Secondary Application must also be completed prior to scheduling an Admissions Interview. Letters of recommendation and supporting documentation, including certified transcripts from all undergraduate and graduate institutions attended, must be submitted for review by LECOM.

To gain acceptance, students must successfully have completed the specific coursework described below (or as amended). The minimal overall grade point average at PSB must be a 3.3 (A=4.0). The Medical College Admission Test (MCAT) scores must be 7 or better in each subtest with an overall score of 24 or better.

All student inquiries for information regarding application status should be directed to the LECOM Admissions Office. LECOM will inform students of their acceptance/rejection into Phase II of the Program by April 1, contingent upon completion of Phase I and satisfactory performance on the MCAT. Students matriculating into Phase II of the Program must abide by all rules, regulations, and policies of LECOM as set forth in appropriate documents of the institution.

Responsibilities of LECOM and PSB

Consultation and communication on program evaluations and student progress should be maintained by the Head of the Division of Science or a designated individual at PSB and the Associate Dean of Preclinical Education or designate at LECOM.

Annual Reviews

An annual review of the Program will be conducted jointly by the parties to this Agreement. Either party may terminate this Agreement upon providing three (3) years written notice, such notice shall specify the date on which such termination becomes effective (not sooner than the date of receipt of the notice by the party). In the event of termination, the parties to this agreement shall honor commitments to any student currently admitted into the Program.
THREE-YEAR UNDERGRADUATE PROGRAM IN BIOLOGY AT PSB\(^1\) AND FOUR-YEAR MEDICAL PROGRAM AT LECOM

**PHASE I**

(Curriculum subject to revision)

**FIRST YEAR (PSB)**

<table>
<thead>
<tr>
<th>FIRST SEMESTER (17(\frac{1}{2}) Credits)(^2)</th>
<th>SECOND SEMESTER (17(\frac{1}{2}) Credits)(^2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 110 Biology: Concepts</td>
<td>MICRB 201 Microbiology</td>
</tr>
<tr>
<td>ENGL 15 Composition &amp; Rhetoric</td>
<td>MICRB 202 Microbiology Lab</td>
</tr>
<tr>
<td>CHEM 12 Chemical Principles</td>
<td>MATH 141 Calculus II</td>
</tr>
<tr>
<td>CHEM 14 Experimental Chem</td>
<td>CHEM 13 Chemical Principles</td>
</tr>
<tr>
<td>MATH 140 Calculus I</td>
<td>CHEM 15 Experimental Chem</td>
</tr>
<tr>
<td>ESACT</td>
<td>S/H/A ELECT(^3)</td>
</tr>
<tr>
<td>BIOBD 150 Health Science Seminar</td>
<td>ESACT</td>
</tr>
</tbody>
</table>

**SECOND YEAR (PSB)**

<table>
<thead>
<tr>
<th>THIRD SEMESTER (18 Credits)(^2)</th>
<th>FOURTH SEMESTER (18 Credits)(^2)</th>
</tr>
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<tbody>
<tr>
<td>BIOL 240W Biology: Structure/Function</td>
<td>BIOL 230W Biology: Molecular</td>
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<tr>
<td>STAT 250 Bio Statistics</td>
<td>CHEM 36 Lab in Organic Chem</td>
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<tr>
<td>CHEM 36 Lab in Organic Chem</td>
<td>CHEM 39 Organic Chem II</td>
</tr>
<tr>
<td>CHEM 38 Organic Chemistry</td>
<td>S/H/A ELECT(^3)</td>
</tr>
<tr>
<td>S/H/A ELECT(^3)</td>
<td>S/H/A ELECT(^3)</td>
</tr>
<tr>
<td>S/H/A ELECT(^3)</td>
<td>SPCOM 100 Effective Speech</td>
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<tr>
<td></td>
<td>BIOBD 250 Pre-Med Seminar</td>
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**THIRD YEAR (PSB)**

<table>
<thead>
<tr>
<th>FIFTH SEMESTER (17 Credits)</th>
<th>SIXTH SEMESTER (15 Credits)</th>
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</thead>
<tbody>
<tr>
<td>BIOBD 400-level selection</td>
<td>BIOBD 350W Experimental Design</td>
</tr>
<tr>
<td>PHYS 215 Introductory Physics I</td>
<td>BIOBD 420 Comparative Anatomy</td>
</tr>
<tr>
<td>BIOBD 322 Genetic Analysis</td>
<td>PHYS 265 Introductory Physics II</td>
</tr>
<tr>
<td>S/H/A ELECT(^3)</td>
<td>BIOBD 452 Biochemistry</td>
</tr>
<tr>
<td>ENGL 202C Technical Writing</td>
<td>BIOBD 453 Biochemistry Lab</td>
</tr>
<tr>
<td>Hi Ed</td>
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</tbody>
</table>

\(^1\)Curriculum subject to revision.

\(^2\)Students may wish to attend summer courses to reduce the academic year load.

\(^3\)S/H/A (total 18 credits)

- 6 credits in Arts courses designated with GA suffix.
- 6 credits in Humanities courses designated with GH suffix. PHIL 3 recommended.
- 6 credits in Social Science courses designated with GS suffix. PSY 2 recommended.
- A minimum of 3 of the 18 credits must be designated with a diversity focused (DF) suffix.

**Medical College Admission Test (MCAT)**
The MCAT should be taken in the spring semester of the third year.
PHASE II

FOURTH YEAR (FIRST YEAR AT LECOM)
(Twenty-one credits transfer to PSB)

FALL SEMESTER
GROSS ANATOMY
EMBRYOLOGY
CELL BIOLOGY / HISTOLOGY
MICROBIOLOGY
PHYSIOLOGY
PHARMACOLOGY
BIOCHEMISTRY
PATHOLOGY
OSTEOPATHIC PRINCIPLES & PRACTICE COURSE I
MEDICAL ETHICS

SPRING SEMESTER
HISTORY & PHYSICAL EXAM
INTEGUMENTARY SYSTEM
NEUROSENSORY SYSTEM
MUSCULOSKELETAL SYSTEM
OSTEOPATHIC PRINCIPLES & PRACTICE COURSE II

CONFERRAL OF THE BACHELOR OF SCIENCE (B.S.) DEGREE
The B.S. degree in Biology is conferred by PSB upon successful completion of the specified courses in Phase I (minimum 103 credits) and the first year at LECOM.

FIFTH YEAR (SECOND YEAR AT LECOM)

FALL SEMESTER
RESPIRATORY SYSTEM
RENAL SYSTEM
HEMATOLOGY/ONCOLOGY SYSTEM
PUBLIC HEALTH COURSE
GERIATRICS COURSE
CLINICAL OSTEOPATHIC DIAGNOSTIC APPLICATIONS COURSE (CODA)
OSTEOPATHIC PRINCIPLES & PRACTICE COURSE III

SPRING SEMESTER
CARDIOVASCULAR SYSTEM
DIGESTIVE SYSTEM (with NUTRITION)
ENDOCRINE SYSTEM
REPRODUCTIVE SYSTEM (with HUMAN SEXUALITY AND MEDICAL GENETICS)
APPLIED BASIC SCIENCES IN MEDICINE COURSE (ABSM)
OSTEOPATHIC PRINCIPLES & PRACTICE COURSE IV

NATIONAL BOARDS OF OSTEOPATHIC MEDICAL EXAMINERS (NBOME)
Part I of this examination MUST be taken (and passed) in June of second year at LECOM for progression to clinical rotations.
SIXTH YEAR (THIRD YEAR AT LECOM)

INTERNAL MEDICINE (8 WEEKS)
OBSTETRICS/GYNECOLOGY (4 WEEKS)
GENERAL SURGERY (8 WEEKS)
ANESTHESIOLOGY/PAIN MANAGEMENT (1 WEEKS)
RADIOLOGY (4 WEEKS)
FAMILY MEDICINE (4 WEEKS)
PEDIATRICS (4 WEEKS)
PSYCHIATRY/BEHAVIORAL SCIENCES (4 WEEKS)
ELECTIVE (8 WEEKS)
VACATION (4 WEEKS)

SEVENTH YEAR (FOURTH YEAR AT LECOM)

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)

The coursework listed above is required for conferral of the D.O. degree as of the date of the signing of this agreement. However, a medical school curriculum is dynamic and evolves to meet the changing needs of the students. Therefore, there may occasionally be changes in course content, emphasis, and sequencing.

NATIONAL BOARDS OF OSTEOPATHIC MEDICAL EXAMINERS
Part II of this examination MUST be taken (and passed) in the spring semester of the fourth year at LECOM to partially meet the minimum requirements for graduation.

CONFERRAL OF THE DOCTOR OF OSTEOPATHIC MEDICINE DEGREE
The degree will be conferred only upon successful completion of all coursework, both didactic and clinical, passing both Parts I and II of the NBOME, and recommendation by the faculty and administration of LECOM. Conferral of the D.O. degree will be at the end of the fourth year at LECOM (seventh year of the Program).
The “3 + 4” Accelerated Program in Primary Care affiliation agreement is in effect as of the signing date below.

Officials signing the agreement for the participating institutions:

_Silvia M. Ferretti_  
Silvia M. Ferretti, D.O.  
Dean and Vice President of Academic Affairs  
Lake Erie College of Osteopathic Medicine

_John M. Lilley_  
John M. Lilley, D.M.A.  
Provost and Dean  
Pennsylvania State University at Erie  
The Behrend College

Agreed:

_Michael P. Mahalik_  
Michael P. Mihalik, Ph.D.  
Associate Dean of Preclinical Education  
Lake Erie College of Osteopathic Medicine

_Roger F. Knacke_  
Roger F. Knacke, Ph.D.  
Head, Division of Science  
Pennsylvania State University at Erie  
The Behrend College

Effective date of signing: **7/1/97**