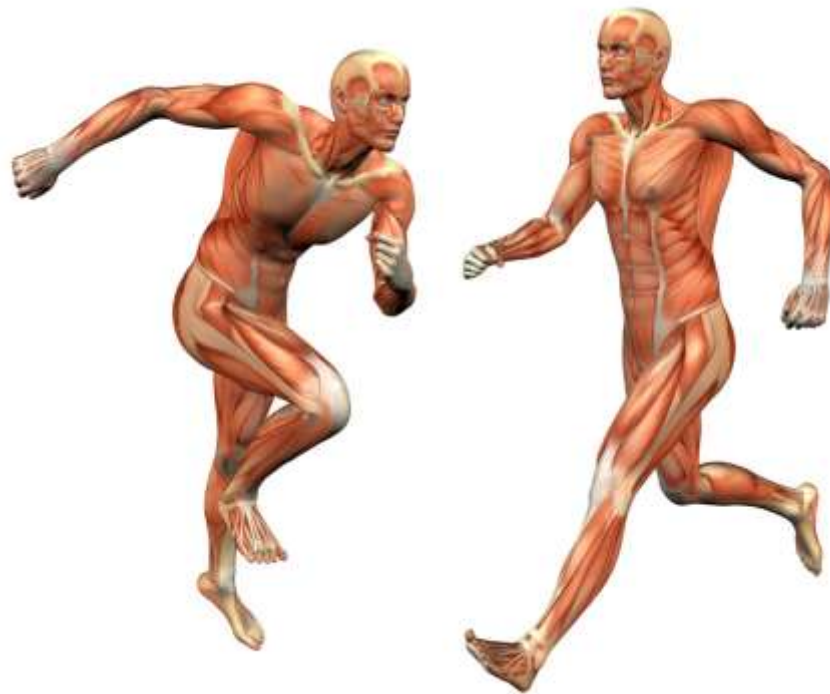


# Human Body Explored Program

October 2019 — March 2020

TO REGISTER:

<http://Discover.Lecom.edu/inquiryformfillcombradenton20192020>



## Program Description – The Muscular System

**CONTACT PERSON:**

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# Human Body Explored

“A Hands-on Anatomical/Physiology Program For High School Students”

The Human Body Explored (HBE) course is an academically challenging medical science awareness program, which is designed for high school students (11<sup>th</sup> and 12<sup>th</sup> graders) who are interested in careers in the health field.

## I. DESCRIPTION OF HUMAN BODY EXPLORED

- The *Human Body Explored* is a comparative anatomy/physiology course designed as an introductory pre-med/pre-science course
- The goals for the HBE course are...
  - To stimulate and inform students about career opportunities in the health field and
  - To provide an opportunity to examine anatomical differences between the human body and selected animal species.
- A laboratory component provides hands-on experiments related to the lecture topic. LECOM medical students are the instructors in the laboratory.
- Meetings are held once a month from October – March in a LECOM Bradenton anatomy room. The evening is composed of a 30 minute health careers presentation, a 45 minute medical science lecture, and an hour laboratory session emphasizing a concept presented in the lecture.
- Several field trips to local hospitals/research institutions/medical offices are arranged during the program. See the agenda for exact dates and locations of the fieldtrips.

## II. Student Eligibility & Registration Fees

Youths enrolled as high school students (11th and 12th graders) within the Manatee or Sarasota County School District as well as surrounding counties are eligible to enroll in this program. A dress and conduct code will be implemented during all HBE activities. There is a limited enrollment in the HBE course of 45 students. Enrollment is done on a first come first serve basis.

**The registration and materials fee for HBE is \$175. Payment is due upon receipt of this email to ensure your seat in the HBE Program.**

### Registration Fees

Fees cover the cost of the anatomical supplies, instruction, and incidental materials. HBE Fee of \$175 is due now to reserve a seat in the HBE Program

Make Check payable to: LECOM – Post 881

Mail Check to

*LECOM Bradenton*

*Attention: Debra Horne, MS Director of Community Outreach*

*5000 Lakewood Ranch Blvd.*

*Bradenton, FL 34211*

### III. HBE SCHEDULE OF EVENTS

<h1>LECOM's Human Body Explored, "A Human Medical Science Survey Course"</h1>			
Meetings are held on Tuesdays once a month from October-to-March from 5:15-8:00 PM at LECOM Bradenton Facility tours are held on Thursdays once a month from 3:30-5:00pm			
<h2>October 2019 - March 2020</h2>			
Date	Clinical Science Lecture 5:30 pm – 6:00 pm	Basic Medical Science Lecture 6:00 pm – 6:45 pm	Laboratory Activities 6:45 pm – 8:00 pm
Oct 29th	K. Pherson, D.O.	Anatomy of trunk muscles <i>A. Sinelnikov, M.D., Ph.D.</i>	Dissection of pig specimen
Oct 31st	<b>TOUR: Manatee Memorial Hospital, 3:30~5:00 pm Park in North Garage; Meet in Lobby of Main Entrance</b>		
Nov 12 <sup>th</sup>	Santiago Lorenzo, Ph. D.	Anatomy of limb muscles <i>A. Sinelnikov, M.D., Ph.D.</i>	Dissection of pig specimen
Nov 14 <sup>th</sup>	<b>TOUR: Lakewood Ranch Medical Center, 3:30~5:00pm Meet in Lobby of Main Entrance</b>		
Dec 10 <sup>th</sup>	OMM Demo Tom Quinn, D.O.	Anatomy of major joints <i>A. Sinelnikov, M.D., Ph.D.</i>	Dissection of knee
Dec 12 <sup>th</sup>	<b>TOUR: Doctor's Hospital Tour 3:30~5:00pm Meet in Lobby of Main Entrance</b>		
Jan 7 <sup>h</sup>	Dental School Presentation (LECOM Bradenton Dental Building)	Basic Science Dental Lecture (LECOM Bradenton Dental Building)	Dental Robotic Patients (LECOM Bradenton Dental Building)
Jan 9 <sup>th</sup>	<b>LECOM's Health Professional Career Awareness Program, 6:00-7:00 pm Joan Dixon, Director of Student Programs Gulf Coast South AHEC 4800 Lakewood Ranch Blvd., Bradenton, FL 34211</b>		
Feb 11 <sup>th</sup>	SCF Health Careers Training @ SCF <i>Cathy King, DNP</i>	SCF Tour & Manikins Demo <i>Cathy King, DNP</i>	High Tech Full Size Robotic Patients
Feb 13 <sup>th</sup>	<b>TOUR: Blake Medical Center 3:30~5:00pm Meet in Lobby of Main Entrance</b>		
March 10 <sup>th</sup>	Clinical Pharmacy <i>Alex Vazquez, Pharm.D.</i>	Pharmaceutical Sciences & Drug Development <i>Sunil Jambhekar, Ph.D.</i>	Solid & Liquid Compounding <i>Ningning Yang, Ph.D.</i>
March 12 <sup>th</sup>	<b>TOUR: Morgue &amp; Clinical Labs @ Sarasota Memorial Hospital, 3:30~5:00pm Meet in Lobby of Main Entrance</b>		
<b>MEDICAL SCIENCE ACADEMY</b> A two Week Summer Program at LECOM Bradenton Contact Debra Horned <a href="mailto:dhorne@lecom.edu">dhorne@lecom.edu</a>			