

# FLORIDA ATLANTIC UNIVERSITY™

## Undergraduate Programs—NEW COURSE PROPOSAL <sup>1</sup>

UUPC APPROVAL \_\_\_\_\_  
 UFS APPROVAL \_\_\_\_\_  
 SCNS SUBMITTAL \_\_\_\_\_  
 CONFIRMED \_\_\_\_\_  
 BANNER POSTED \_\_\_\_\_  
 CATALOG \_\_\_\_\_

<b>DEPARTMENT</b> BIOLOGY	<b>COLLEGE</b> HONORS COLLEGE							
<b>RECOMMENDED COURSE IDENTIFICATION</b> (TO OBTAIN A COURSE NUMBER, CONTACT <a href="mailto:ERUDOLPH@FAU.EDU">ERUDOLPH@FAU.EDU</a> )  PREFIX <u>PCB</u> COURSE NUMBER <u>3704</u> LAB CODE (L or C) _____  <b>COMPLETE COURSE TITLE:</b> HONORS Human Morphology & Function 2		<b>EFFECTIVE DATE</b>  (first term course will be offered)  _____						
<b>CREDITS</b> <sup>2</sup>  <b>3</b>	<b>TEXTBOOK INFORMATION</b> SEE SYLLABUS							
<b>GRADING (SELECT ONLY ONE GRADING OPTION):</b> REGULAR <input checked="" type="checkbox"/> PASS/FAIL _____ SATISFACTORY/UNSATISFACTORY _____								
<b>COURSE DESCRIPTION, NO MORE THAN THREE LINES:</b> NORMAL STRUCTURE AND PHYSIOLOGY OF THE HUMAN CARDIOVASCULAR, RENAL, RESPIRATORY, GASTROINTESTINAL, ENDOCRINE, AND REPRODUCTIVE SYSTEMS. LECTURE FORMAT. DESIGNED FOR THE PRE-PROFESSIONAL STUDENT PLANNING ADMISSION INTO A GRADUATE CLINICAL PROGRAM.								
<b>PREREQUISITES W/MINIMUM GRADE*</b> BSC 1010, 1010L, 1011, 1011L CHM2210, 2211 MINIMUM GRADES OF C	<b>COREQUISITES*</b> PCB 3704L	<b>REGISTRATION CONTROLS (MAJOR, COLLEGE, LEVEL)*</b> HONORS COLLEGE						
<i>* DEFAULT MINIMUM PASSING GRADE IS D-. PREREQUISITES, COREQUISITES AND REGISTRATION CONTROLS WILL BE ENFORCED FOR ALL COURSE</i>								
<b>MINIMUM QUALIFICATIONS NEEDED TO TEACH THIS COURSE:</b> PHD IN BIOLOGY OR RELATED FIELD								
<b>WAC/GORDON RULE COURSE</b> <sup>3</sup>  YES _____ NO <input checked="" type="checkbox"/> _____  WAC/Gordon Rule criteria must be indicated in syllabus and approval attached to proposal. Guidelines: <a href="http://www.fau.edu/WAC">www.fau.edu/WAC</a>	<b>GENERAL EDUCATION REQUIREMENT (MARK X IN FRONT OF SELECTION)</b> <sup>4</sup> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;"><input type="checkbox"/> Written Communication</td> <td style="width: 50%;"><input type="checkbox"/> Society/Human Behavior</td> </tr> <tr> <td><input type="checkbox"/> Math/Quantitative Reasoning</td> <td><input type="checkbox"/> Global Citizenship</td> </tr> <tr> <td><input type="checkbox"/> Science/Natural World</td> <td><input type="checkbox"/> Humanities</td> </tr> </table> General Education criteria must be indicated in the syllabus and approval attached to proposal. Guidelines: <a href="http://www.fau.edu/ugstudies/GeneralEdCourseApprovalRequests.php">www.fau.edu/ugstudies/GeneralEdCourseApprovalRequests.php</a>		<input type="checkbox"/> Written Communication	<input type="checkbox"/> Society/Human Behavior	<input type="checkbox"/> Math/Quantitative Reasoning	<input type="checkbox"/> Global Citizenship	<input type="checkbox"/> Science/Natural World	<input type="checkbox"/> Humanities
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<input type="checkbox"/> Math/Quantitative Reasoning	<input type="checkbox"/> Global Citizenship							
<input type="checkbox"/> Science/Natural World	<input type="checkbox"/> Humanities							
Faculty contact, email and complete phone number: <a href="mailto:Brenda.claiborne@fau.edu">Brenda.claiborne@fau.edu</a> 561-400-3184	Please consult and list departments that might be affected by the new course and attach comments. <sup>5</sup>							

<b>Approved by</b> Department Chair: _____ College Curriculum Chair: _____ College Dean: _____ UUPC Chair: _____ Undergraduate Studies Dean: _____ UFS President: _____ Provost: _____	<b>Date</b> _____ _____ _____ _____ _____	<ol style="list-style-type: none"> <li><b>1. Syllabus</b> must be attached; syllabus checklist recommended; see guidelines and checklist: <a href="http://www.fau.edu/academic/registrar/UUPCinfo">www.fau.edu/academic/registrar/UUPCinfo</a></li> <li><b>2. Review Provost Memorandum: Definition of a Credit Hour</b> <a href="http://www.fau.edu/provost/files/Definition_Credit_Hour_Memo_2012.pdf">www.fau.edu/provost/files/Definition_Credit_Hour_Memo_2012.pdf</a></li> <li><b>3. WAC approval</b> (attach if applicable)</li> <li><b>4. Gen. Ed. approval</b> (attach if applicable)</li> <li><b>5. Consent</b> of affected departments (attach if applicable)</li> </ol>
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Email this form and syllabus to [mjenning@fau.edu](mailto:mjenning@fau.edu) seven business days before the UUPC meeting.

**Honors Human Morphology and Function 2**  
**BSC 4930, Section 009**  
**3 credit hours**  
**Jupiter Campus**  
**Harriett L. Wilkes Honors College, Florida Atlantic University**

**Spring Term 2016**  
**Course Syllabus**

**Class meetings:** Days/time: Tuesdays and Thursdays, 11:00 am to 12:20 pm  
Location: AD, Room 103, Jupiter Campus

**Instructor:** Brenda J. Claiborne, Ph.D.  
Professor, Department of Biological Sciences  
Email: [brenda.claiborne@fau.edu](mailto:brenda.claiborne@fau.edu) (preferred contact method)  
Phone: 561-400-3184  
Office (for office hours): Building MC 17, Room 209  
Office Hours: Wednesdays 1:30 to 4:30 pm and by appointment

**Course Description:** Normal structure and physiology of the human cardiovascular, renal, respiratory, gastrointestinal, endocrine, and reproductive systems. Lecture format. Designed for the pre-professional student planning admission into graduate clinical programs.

**Prerequisites:** Successful completion (minimum grade of C-) of two-semester general biology sequence (BSC 1010, BSC 1010L, BSC 1011, BSC 1011L), and general chemistry I and II (CHM 2210 and CHM 2211).

**Co-requisite:** PCB 3703L.

**Required Texts:** Please note that paper copies of both textbooks are required for in-class exercises. You will be able to access eTexts after you purchase the books.

- 1) Title: **Human Anatomy - Books a la Carte Plus Mastering A&P with eText – Access Card Package**

Students: Be sure to purchase the 8<sup>th</sup> Edition with the ISBN number below because some versions do not include Mastering A&P with the eText. To access the eText, follow the instructions on the Student Access Code Card that comes with the book. The Course ID is CLAIRBORNE2015.

Edition: **8<sup>th</sup> Edition**

ISBN: **9780321909954**

Authors: Martini, Timmons and Tallitsch

Publisher: Pearson (Benjamin Cummings)

Publication Date: 01/24/2014

- 2) Title: **Guyton and Hall Textbook of Medical Physiology**

Students: You will receive access to the eText when you purchase the 13<sup>th</sup> Edition with the ISBN below; see access code inside the front cover.

Edition: **13<sup>th</sup> Edition**

ISBN: **9781455770052**

Author: Hall

Publisher: Elsevier Health Sciences

Publication Date: 06/15/2015

**Course Objectives:** The overall objectives of this course are for students to understand the basic structural and functional components comprising the human body and how anatomical and physiological systems interact to maintain homeostasis. More specifically, in Human Morphology and Function 2, students will be expected 1) to learn the correct terminology for the human cardiovascular, renal, respiratory, gastrointestinal, endocrine, and reproductive systems; 2) to understand how each functions and contributes to overall health; and 3) to comprehend how injury and disease can disrupt homeostasis.

**Attendance:** Students are expected to attend all classes and participate in activities and discussions which will help them understand the course material. Although attendance is not formally required, students should note that quizzes, in-class activities or exams will take place in the majority of class periods. If a student misses a class, the student is responsible for all material covered during that class, including lecture and discussion material and any changes to the course schedule. If a student must miss a class, it is suggested that the student arrange to obtain class notes and announcements from another student.

As per FAU policy, students will not be penalized for absences due to participation in University-approved activities, including athletic or scholastic teams, musical and theatrical performances, and debate activities. Reasonable accommodation will also be made for students participating in a religious observance. Students must meet with the instructor and give documentation in advance to be absent for these activities.

**Electronic Devices:** University policy states that “In order to enhance and maintain a productive atmosphere for education, personal communication devices, such as cellular telephones and pagers, are to be disabled in class sessions.” In this class, any use of cell phones or other communication devices is not allowed during active class times. (A ringing or vibrating device is included in the definition of “use of an electronic device”, as is checking email or accessing the web.) If a student uses a communication device during active class time, the student will be required to leave the class for the remainder of that class period and will receive a zero for any in-class activities/quizzes/exams that he/she may miss.

**Ethical Standards:** Students at Florida Atlantic University are expected to maintain the highest ethical standards. Academic dishonesty is considered a serious breach of these ethical standards, because it interferes with the university mission to provide a high quality education in which no student enjoys an unfair advantage over any other. Academic dishonesty is also destructive of the university community, which is grounded in a system of mutual trust and places high value on personal integrity and individual responsibility. Harsh penalties are associated with academic dishonesty. For more information, see University Regulation 4.001: [http://www.fau.edu/ctl/4.001\\_Code\\_of\\_Academic\\_Integrity.pdf](http://www.fau.edu/ctl/4.001_Code_of_Academic_Integrity.pdf). In addition, all Wilkes Honors College students must adhere to the honors code, available online at: [http://www.fau.edu/divdept/honcol/academics\\_honor\\_code.htm](http://www.fau.edu/divdept/honcol/academics_honor_code.htm)

**Accommodations for Disabilities:** In compliance with the Americans with Disabilities Act (ADA), students who require reasonable accommodations due to a disability to properly execute coursework must register with the Office for Students with Disabilities (OSD) – in Jupiter, SR 139 (561-799-8698) – and follow all OSD procedures.

## Honors Human Morphology and Function 2 - Schedule for Spring 2016

Date	Tues/ Thurs	Quiz or Exam*	Topic for Lecture and Discussion	Readings**
Jan 12	T		Homeostasis and Endocrine System	HA: 512-514, G: 925-930
Jan 14	Th		Endocrine System	HA: 514-518; G: 939-950
Jan 19	T	Quiz 1	“	HA: 518-523; G: 965-982
Jan 21	Th		“	HA: 524-533; G: 983-999
Jan 26	T	Quiz 2	Blood	HA: 534-550, G: 455-464
Jan 28	Th		“	“
<b>Feb 2</b>	<b>T</b>	<b>Exam 1</b>	<b>Exam 1 covers January 12 through 28</b>	
Feb 4	Th		Cardiovascular System: Heart	HA: 552-574, G: 109-122
Feb 9	T		“	“
Feb 11	Th		Cardiovascular System: Circulation	HA: 575-586, G: 203-225
Feb 16	T	Quiz 3	“	“
Feb 18	Th		Lymphatic System	HA: 612-63; G:465-476
<b>Feb 23</b>	<b>T</b>	<b>Exam 2</b>	<b>Exam 2 covers February 4 through 23</b>	
Feb 25	Th		Respiratory System	HA: 632-657
Mar 1	T		“	G: 517-537
Mar 3	Th		“	G: 539-548
Mar 8	T		SPRING BREAK	-
Mar 10	Th		SPRING BREAK	-
Mar 15	T		Digestive System	HA: 658-694, G:797-803
Mar 17	Th		“	G: 817-832
Mar 22	T	Quiz 4	Urinary System	HA: 695-714
Mar 24	Th		“	G: 323-334
Mar 29	T	Quiz 5	“	G: 347-364
Mar 31	Th		“	“
<b>Apr 5</b>	<b>T</b>	<b>Exam 3</b>	<b>Exam 3 covers February 25 through March 31</b>	
Apr 7	Th		Reproductive System - Male	HA: 715-728
Apr 12	T		“	G: 1021-1034
Apr 14	Th		Reproductive System - Female	HA: 728-746
Apr 19	T	Quiz 6	“	G: 1037-1053
Apr 21	Th		Review – Last day of class	
Apr 26	T		No Class - Reading Day	-
Apr 28	Th		No Class – Final Exam Period	
<b>May 3 (10:30 am to 1 pm)</b>		<b>Final Exam</b>	<b>Comprehensive Final Exam covers all material presented during the semester, with emphasis (30%) on material covered after Exam 3. Note the exam starts promptly at 10:30 am.</b>	
			<p>* Please note that all quizzes and exams will be given at the beginning of the class period, starting promptly at 11 am. <u>Quizzes will cover the material from the preceding two classes.</u> (For example, Quiz 1 will cover the material for Jan 12 and 14.) Any student who arrives late will not be allowed to take the quiz or exam if any other student who has seen the exam or quiz has left the classroom.</p> <p>** <b>HA: Human Anatomy; G: Guyton and Hall Medical Physiology;</b> Readings are to be completed <u>before the class period.</u></p>	

**Grading Policies:** A student's course grade will be based on quizzes, class participation, presentations, three exams and a final exam. Quizzes and exams will consist of short answer questions. All students will be expected to use proper grammar, to write legibly and to spell words and terms correctly in order to receive credit for an answer.

**Lowest Quiz Score:** There will be 6 quizzes but only 4 will be included in the calculation of the course grade. The instructor will automatically drop the two lowest quiz scores for each student. If a student misses one or two quizzes, then these will be the scores that will be dropped. There will no make-ups for quizzes.

**Make-ups:** Make-up exams will be given only as allowed by University policy or in extreme circumstances. Extreme circumstances are limited to serious illnesses, hospitalizations, military service, or death of an immediate family member; any such instance will require documentation.

**Extra Credit:** "Extra credit" assignments will not be given in this class as the objective of the course is to understand the required material.

**Incompletes:** As per University policy, grades of Incomplete ("I") are reserved for students who are passing a course but have not completed all the required work because of exceptional circumstances. For this class, if a student is unable to complete the required coursework because of a serious illnesses, hospitalization, military service, or death of a family member, the student can request a grade of Incomplete. The awarding of an "I" (Incomplete) will be granted only in exceptional cases; the decision will be made either solely by the instructor or in consultation with the Associate Dean.

**Withdrawal from Class:** It is the responsibility of the student to withdraw from this class, should that status be desired. The instructor will not give the grade of "I" in lieu of a grade of "D" or "F".

### Course Grade: Points

Quizzes (4 at 10 points each)	40 points
Class participation	40 points
Presentation	40 points
Exam 1	100 points
Exam 2	100 points
Exam 3	100 points
<u>Cumulative Final Exam</u>	<u>100 points</u>
Total	520 points

### Course Grade: Letter Grades

A	90 - 100%
B+	87 - 89%
B	80 - 86%
C+	77 - 79 %
C	70 - 76%
D+	67 - 69%
D	60 - 66%
F	<60%