

FLORIDA ATLANTIC UNIVERSITY™

Undergraduate Programs—NEW COURSE PROPOSAL¹

UUPC APPROVAL _____
 UFS APPROVAL _____
 SCNS SUBMITTAL _____
 CONFIRMED _____
 BANNER POSTED _____
 CATALOG _____

DEPARTMENT: BIOLOGICAL SCIENCES

COLLEGE: CHARLES E. SCHMIDT COLLEGE OF SCIENCE

RECOMMENDED COURSE IDENTIFICATION:

PREFIX BSC COURSE NUMBER 4029 LAB CODE (L or C) _____

(TO OBTAIN A COURSE NUMBER, CONTACT MJENNING@FAU.EDU)

COMPLETE COURSE TITLE: GENES AND DEVELOPMENT

EFFECTIVE DATE

(first term course will be offered)

SPRING 2017

CREDITS²:
3

TEXTBOOK INFORMATION: ESSENTIAL DEVELOPMENTAL BIOLOGY – JONATHAN SLACK – (3RD EDITION)

GRADING (SELECT ONLY ONE GRADING OPTION): REGULAR R PASS/FAIL SATISFACTORY/UNSATISFACTORY

COURSE DESCRIPTION, NO MORE THAN THREE LINES:

Students will become familiarized with the cellular and molecular mechanisms that underlie organismal development, including differential gene regulation, intercellular communication, fertilization, pattern formation, organogenesis, animal stem cells and cloning, evolution and development, sex determination, and developmental disorders.

PREREQUISITES W/MINIMUM GRADE*:
BSC1010, BSC 1010L, BSC1011 AND
BSC 1011L WITH A MINIMUM GRADE OF
C- OR BETTER

COREQUISITES*:

REGISTRATION CONTROLS (MAJOR, COLLEGE, LEVEL)*:

*DEFAULT MINIMUM PASSING GRADE IS D-. PREREQUISITES, COREQUISITES AND REGISTRATION CONTROLS WILL BE ENFORCED FOR ALL COURSE SECTIONS.

MINIMUM QUALIFICATIONS NEEDED TO TEACH THIS COURSE: PhD in Biology

WAC/GORDON RULE COURSE³

YES NO X

WAC/Gordon Rule criteria must be indicated in syllabus. Guidelines: www.fau.edu/WAC

GENERAL EDUCATION REQUIREMENT (MARK X IN FRONT OF SELECTION)⁴

 Written Communication Society/Human Behavior
 Mathematics/Quant. Reas. Global Citizenship
 X Science/Natural World Creative Expression

Must attach the appropriate General Education Course Approval Request:
www.fau.edu/deanugstudies/GeneralEdCourseApprovalRequests.php

Faculty contact, email and complete phone number:
 Catherine F. Trivigno
trivigno@fau.edu
 561-799-8514

Please consult and list departments that might be affected by the new course and attach comments.⁵

College of Medicine: Please see attached

Approved by:

Department

Chair:

College Curriculum Chair:

College Dean:

UUPC

Chair:

Undergraduate

Studies

Dean:

UFS President:

Provost:

Date:

02.09.16

1. Syllabus must be attached; syllabus checklist recommended; see guidelines and checklist:

www.fau.edu/academic/registrar/UUPCinfo

2. Review Provost Memorandum: Definition of a Credit Hour

www.fau.edu/provost/files/Definition_Credit_Hour_Memo_2012.pdf

3. WAC approval (attach if necessary)

4. Gen. Ed. approval (attach if necessary)

5. Consent of affected departments (attach if necessary)