Undergraduate Programs—NEW COURSE PROPOSAL

**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 M/JENNIG@FAU.EDU)*

**COMPLETE COURSE TITLE:** GENES AND DEVELOPMENT

**CREDITS:** 3

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

**EFFECTIVE DATE**  
(first term course will be offered)  
**SPRING 2017**

**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/ MINIMUM GRADE:**  
BSC1010, BSC 1010L, BSC 1011 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.

**WAC/GORDON RULE COURSE**

**YES** _X_ **NO**

WAC/Gordon Rule criteria must be indicated in syllabus. Guidelines: [www.fau.edu/WAC](http://www.fau.edu/WAC)

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

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

- [ ] Written Communication  
- [ ] Mathematics/Quant. Reas.  
- [X] Science/Natural World  
- [ ] Global Citizenship  
- [ ] Creative Expression

Must attach the appropriate General Education Course Approval Request:  
[www.fau.edu/deanugstud/GeneralEdCourseApprovalRequests.php](http://www.fau.edu/deanugstud/GeneralEdCourseApprovalRequests.php)

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

College of Medicine: Please see attached

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**Approved by:**

Department  
Chair: **Chair:**

College Curriculum Chair: **Dean:**

College Dean:  
UUPC  
Undergraduate  
"FS President:  
Provost:

**Date:** 02.09.16

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1. Syllabus must be attached; syllabus checklist recommended; see guidelines and checklist:  
[www.fau.edu/academic/registrar/UUPCinfo](http://www.fau.edu/academic/registrar/UUPCinfo)

2. Review Provost Memorandum: Definition of a Credit Hour  

3. WAC approval (attach if necessary)

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

5. Consent of affected departments (attach if necessary)