Undergraduate Programs—NEW COURSE PROPOSAL

RECOMMENDED COURSE IDENTIFICATION (TO OBTAIN A COURSE NUMBER, CONTACT NMALDONADO@FAU.EDU)

PREFIX BSC COURSE NUMBER 4434 C Lab Code (L or C)

COMPLETE COURSE TITLE: CONCEPTS IN BIOINFORMATICS

EFFECTIVE DATE

(first term course will be offered)

SPRING 2017

CREDITS 3


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

COURSE DESCRIPTION, NO MORE THAN THREE LINES: CONCEPTS UNDERLYING THE MINING OF THE HUMAN GENOME BLENDING BIOLOGY, MEDICINE AND ENGINEERING

PREREQUISITES W/MINIMUM GRADE* Genetics(PCB 3063)/C- COREQUISITES* REGISTRATION CONTROLS (MAJOR, COLLEGE, LEVEL)*

BIOLOGY, BIOENGINEERING, SCIENCE/ENGINEERING AND COMPUTER SCIENCE, BACCALAUREATE

*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: PH.D.

WAC/GORDON RULE COURSE

YES X NO

WAC/Gordon Rule criteria must be indicated in syllabus and approval attached to proposal. Guidelines: www.fau.edu/WAC

Faculty contact, email and complete phone number: Dr. Ramaswamy Narayanan, rmnaryan@fau.edu 561-297-2247

GENERAL EDUCATION REQUIREMENT (MARK X IN FRONT OF SELECTION)

Written Communication X Society/Human Behavior

Math/Quantitative Reasoning X Global Citizenship

Science/Natural World X Humanities

General Education criteria must be indicated in the syllabus and approval attached to proposal. Guidelines: www.fau.edu/ugstudies/GeneralEdCourseApprovalRequests.php

Please consult and list departments that might be affected by the new course and attach comments. Bioengineering/College of Engineering and Computer Science

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


3. WAC approval (attach if applicable)

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

5. Consent of affected departments (attach if applicable)

Email this form and syllabus to mjenning@fau.edu seven business days before the UUPC meeting.

FAUnewcourseUG—Revised July 2015