

COURSE DELETION PROPOSAL

DATE 10-10-06

PROGRAM AREA BIOLOGY

1. Course Information.

(If Cross-listed please submit a form for each prefix being deleted)

Prefix BIOL Course# 202 Title Biostatistics Units (3)

Description: Three hours of lecture/laboratory per week.

Prerequisite: A passing score on the Entry Level Mathematics Exam (ELM) or credit for Math 105 (or equivalent).

Critical reasoning using a quantitative and statistical problem-solving approach to solve real-world problems. Uses probability and statistics to describe and analyze biological data collected from laboratory or field experiments.

Course will cover descriptions of sample data, probability and empirical data distributions, sampling techniques, estimation and hypothesis testing, ANOVA, and correlation and regression analysis. Students will use standard statistical software to analyze real world and simulated data.

GenEd: B3

Same as MATH 202, PSY 202

2. Justification.

This course is not a required nor an elective course for the biology major and there is no need to keep the course in the biology curriculum.

3. Is this a General Education Course

YES ☒

NO ☐

If Yes, indicate GE category:

A (English Language, Communication, Critical Thinking)

A-1 Oral Communication

☐

A-2 English Writing

☐

A-3 Critical Thinking

☐

B (Mathematics, Sciences & Technology)

B-1 Physical Sciences

☐

B-2 Life Sciences – Biology

☐

B-3 Mathematics – Mathematics and Applications

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B-4 Computers and Information Technology

☐

C (Fine Arts, Literature, Languages & Cultures)

C-1 Art

☐

C-2 Literature Courses

☐

C-3a Language

☐

C-3b Multicultural

☐

D (Social Perspectives)

☐

E (Human Psychological and Physiological Perspectives)

☐

UD Interdisciplinary

☐

12. Will this course deletion alter any degree, credential, certificate, or minor in your program? YES ☐ NO ☒

If, YES attach a program modification form for all programs affected.

Ching-Hua Wang

Proposer

10-10-06

Date

Approvals

Program Chair Signature

Date

General Education Committee Chair Signature

Date

Curriculum Committee Chair Signature

Date

Dean Signature

Date