

Abilene Approval Chart for Curriculum Changes

A = Approve I = Information Item R = Respond In Writing

Course Number: BIOL 483 Biostatistics or Degree Plan(s):

This is a proposal to crosslist BIOL 483 Biostatistics with SDS 483 Biostatistics. This crosslisting necessitates a change in the term of offering, a change in the catalog description, and a change in prerequisites. The Department of Biology has not taught this course in several years due to low enrollment. Since the content in SDS 483 is almost identical to BIOL 483, it makes sense to crosslist the two courses.

The current catalog description for BIOL 483 is:

BIOL 483 - Biostatistics (3-0-3) spring

Introduction to statistical concepts and methods for biological and biomedical data. Topics include descriptive measures, probability and distributions, estimation, exploratory methods, tests of hypotheses, types of error, significance, confidence levels, sample size, power, and non-parametric methods. Prerequisite: BIOL 121/BIOL 122 and BIOL 123/BIOL 124 with a minimum grade of "C"; MATH 109 with a minimum grade of "C", or MATH 124, or MATH 185, or math placement testing into MATH 124 or MATH 185.

The catalog description for SDS 483 is:

SDS 483 - Biostatistics (3-0-3) fall, even years

Introduction to statistical concepts and methods for biological and biomedical data featuring case studies. Includes descriptive statistics, probability and distributions, estimation, exploratory methods, tests of hypotheses, error types, significance, confidence levels, sample size determination for randomized control trials, power analysis for clinical trials, categorical data, regression, correlation, and survival analysis.. Prerequisite: IS 222, MATH 123, or MATH 377. Crosslisted with BIOL 483.

Change BIOL 483 to:

BIOL 483 - Biostatistics (3-0-3) fall, even years

Introduction to statistical concepts and methods for biological and biomedical data featuring case studies. Includes descriptive statistics, probability and distributions, estimation, exploratory methods, tests of hypotheses, error types, significance, confidence levels, sample size determination for randomized control trials, power analysis for clinical trials, categorical data, regression, correlation, and survival analysis.. Prerequisite: IS 222, MATH 123, or MATH 377. Crosslisted with SDS 483.

		Dept./School	College	Dean	TEC	AUAC/Grad	Provost
	Campus-Level Academic Review¹						
	Change to a Course Include signatures from all chairs/program directors for cross-listed courses. ¹						
1.	Title (description unchanged)	A	A	A	I	I	I
2.	Description (not affecting content)	A	A	A	I	I	I

3.	Course term(s)	A	I	A	I	I	I
4.	Content (change of course outcomes)	A	A	A	I	I	A
5.	Number of credit hours	A	A	A	A	A	A
6.	Course number within the hundred	A	A	I	I	I	I
7.	Course number beyond the hundred	A	A	A	A	A	A
8.	Prerequisites	A	A	A	I	I	I
9.	Course restriction (e.g., majors only, junior standing)	A	A	A	A	A	A
10.	Level change (U to G or G to U)	A	A	A	A	A	A
11.	Cross list course	A	A	A	A	A	A
12.	Department of record	A	A	A	A	A	A
13.	Open or close a course	A	A	A	A	A	A
Change to a Degree Plan							
14.	Educational Program — Revise	A	A	A	A	A	A
15.	Educational Program — Adopt/revise admission requirements	A	A	A	A	A	A
16.	GPA — Revise program-required GPA	A	A	A	A	A	A
17.	Minor — Revise	A	A	A	A	A	A

		Dept./School	College	Dean	TEC	AUAC/Grad	Provost	Campus Faculty	Senior VPAA	President
	Full Review									
	Change to Catalog Information (for Campus)									
18.	General requirements for Bachelor's and Associate Degrees	-	-	-	-	A	A	A	A	I
19.	Policies governing academic probation and suspension	-	-	-	-	A	A	A	A	I
20.	Requirements for graduating with honors	-	-	-	-	A	A	A	A	I
	Change to a Degree Plan									
21.	Educational Program — Add or Discontinue ²³	A	A	A	A	A	A	A	A	I
22.	Educational Program — Discontinue (Provost-proposed)	R	-	R	A	A	A	A	A	I
23.	Minor — Add or Discontinue	A	A	A	A	A	A	-	A	I
24.	Minor — Discontinue (Provost-proposed)	R	-	R	A	A	A	-	A	I
25.	Degree — Add or Discontinue	A	A	A	A	A	A	A	A	I
26.	Degree — Discontinue (Provost-proposed)	R	-	R	A	A	A	A	A	I

		Dept./School	College	Dean	AUAC	Provost	UGEC	University Faculty	Senior VPAA	President
	Change to General Education Requirements for Undergraduates (System)									
27.	Change course outcomes of an included course	A	A	A	A	A	A	-	A	I
28.	Add or drop a required course from the General Education Requirements	A	-	A	-	A	A	A	A	I
29.	Add or drop a course from a menu within the General Education Requirements	A	-	A	-	A	A	-	A	I
30.	Comprehensive revision of General Education Requirements	-	-	-	-	A	A	A	A	I

Notes

² Any change to a cross-listed course requires the signature of both department chairs or program directors overseeing the course to ensure that the courses stay in sync. This includes courses taught at other campuses (e.g. BIBL 101 and BIBO 101).

³ For undergraduate majors, a minimum of 30 hours is required. These programs must have a minimum of 6 elective hours, unless the requirements of external accrediting bodies make it impossible. Master's programs must include a minimum of 30 hours, and doctoral programs must include a minimum of 30 hours beyond the master's.

⁴ When a department/school or dean proposes closing a program, approval routing follows the typical process beginning with the department/school. An administrative proposal by the provost or senior vice president for academic affairs would follow the "provost-proposed" routing on the chart.

Updated 8/1/2023

Department/School(s)

Jennifer Huddleston

11/27/2025

Chair Signature

Date

Chair/Program Director Signature

Date

College Academic Council(s)

Kathleen Ree

03/19/2026

Chair Signature

Date

Chair Signature

Date

Dean(s)

Charles M. Mendenhall

3/30/2026

Signature

Date

Signature

Date

Teacher Education Council

Signature

Date

**Campus Academic Council:
Abilene Undergraduate or Abilene Graduate**

Signature

Date

Provost

Signature

Date

University General Education Council

Signature

Date

University Faculty

Abilene Faculty Senate Chair signature

Date

Dallas Faculty Council Chair signature

Date

Senior Vice President for Academic Affairs

Signature

Date

President

Signature

Date