

STAT 191: COMMUNITY SERVICE LEARNING IN STATISTICS

In Workflow

1. MATH Committee Chair (vincent.pigno@csus.edu)
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Approval Path

1. Fri, 29 Sep 2023 03:49:57 GMT
Vincent Pigno (vincent.pigno): Approved for MATH Committee Chair
2. Fri, 29 Sep 2023 16:37:30 GMT
Kimberly Elce (kelce): Approved for MATH Chair
3. Wed, 04 Oct 2023 22:59:00 GMT
Mikkel Jensen (mikkel.jensen): Approved for NSM College Committee Chair
4. Wed, 04 Oct 2023 23:04:03 GMT
Shannon Datwyler (datwyler): Approved for NSM Dean
5. Mon, 30 Oct 2023 20:24:00 GMT
Katie Hawke (katiedickson): Approved for Academic Services

New Course Proposal

Date Submitted: Fri, 29 Sep 2023 00:04:00 GMT

Viewing: STAT 191 : Community Service Learning in Statistics

Last edit: Wed, 04 Oct 2023 22:58:42 GMT

Changes proposed by: Clark Fitzgerald (223005263)

Contact(s):

| Name (First Last) | Email | Phone 999-999-9999 |
|-------------------|---------------------|--------------------|
| Clark Fitzgerald | fitzgerald@csus.edu | 916-278-4748 |

Catalog Title:

Community Service Learning in Statistics

Class Schedule Title:

Service Learning in Statistics

Academic Group: (College)

NSM - Natural Sciences & Mathematics

Academic Organization: (Department)

Mathematics & Statistics

Will this course be offered through the College of Continuing Education (CCE)?

No

Catalog Year Effective:

Fall 2024 (2024/2025 Catalog)

Subject Area: (prefix)

STAT - Statistics

Catalog Number: (course number)

191

Course ID: (For administrative use only.)

TBD

Units:

1

Is the only purpose of this change to update the term typically offered or the enforcement of existing requisites at registration?

No

In what term(s) will this course typically be offered?

Fall, Spring

Does this course require a room for its final exam?

No, final exam does not require a room

Does this course replace an existing experimental course?

No

This course complies with the credit hour policy:

Yes

Justification for course proposal:

This course will be required for our new major in statistics, and directly supports our institutional learning outcome of personal and social responsibility. Within the major, this course aligns with our program learning outcome of applying statistical knowledge to solve societal problems, address real needs and make positive contributions to underserved communities, schools and non-profits.

Course Description: (Not to exceed 80 words and language should conform to catalog copy.)

15-20 hours of volunteer work in the community related to statistics. Students will choose a project and submit a proposal for instructor review and approval. Students are encouraged to seek out opportunities that will benefit the community.

Are one or more field trips required with this course?

No

Fee Course?

No

Is this course designated as Service Learning?

Yes

Attach Service Learning Designation Approval

Service Learning Course Designation Approval Letter_Fitzgerald_STAT 191.pdf

Is this course designated as Curricular Community Engaged Learning?

No

Does this course require safety training?

No

Does this course require personal protective equipment (PPE)?

No

Does this course have prerequisites?

Yes

Prerequisite:

Stat 128

Prerequisites Enforced at Registration?

Yes

Does this course have corequisites?

No

Graded:

Credit / No Credit

Approval required for enrollment?

No Approval Required

Course Component(s) and Classification(s):

Lecture

Lecture Classification

CS#02 - Lecture/Discussion (K-factor=1WTU per unit)

Lecture Units

1

Is this a paired course?

No

Is this course crosslisted?

No

Can this course be repeated for credit?

Yes

How many times can the course be taken (including first time passed)?

2

Total credits allowed (including first time passed)

2

Can the course be taken for credit more than once during the same term?

No

Description of the Expected Learning Outcomes and Assessment Strategies:

List the Expected Learning Outcomes and their accompanying Assessment Strategies (e.g., portfolios, examinations, performances, pre-and post-tests, conferences with students, student papers). Click the plus sign to add a new row.

| | Expected Learning Outcome | Assessment Strategies |
|---|--|---|
| 1 | Apply statistics in real world contexts through community service. | -Initial paper proposing project -before and after course surveys assessing growth -timesheet showing at least 15 hours of volunteer service -reflection paper |
| 2 | Demonstrate independence and autonomy by developing their own projects. | -Initial paper proposing project -timesheet showing at least 15 hours of volunteer service -reflection paper |
| 3 | Identify opportunities for meaningful community engagement outside of an academic setting. | -Initial paper proposing project -before and after course surveys assessing growth -reflection paper |
| 4 | Communicate statistical concepts to general or professional audiences. | -Initial paper proposing project -timesheet showing at least 15 hours of volunteer service -reflection paper |

Attach a list of the required/recommended course readings and activities:

Stat 191 Recommended Reading.pdf

For whom is this course being developed?

Majors in the Dept

Is this course required in a degree program (major, minor, graduate degree, certificate?)

Yes

Has a corresponding Program Change been submitted to Workflow?

Yes

Identify the program(s) in which this course is required:

Programs:

BS in Statistics

Does the proposed change or addition cause a significant increase in the use of College or University resources (lab room, computer)?

No

Will there be any departments affected by this proposed course?

No

I/we as the author(s) of this course proposal agree to provide a new or updated accessibility checklist to the Dean's office prior to the semester when this course is taught utilizing the changes proposed here.

I/we agree

University Learning Goals

Undergraduate Learning Goals:

Competence in the disciplines
Personal and social responsibility

Is this course required as part of a teaching credential program, a single subject, or multiple subject waiver program (e.g., Liberal Studies, Biology) or other school personnel preparation program (e.g., School of Nursing)?

No

GE Course and GE Goal(s)

Is this a General Education (GE) course or is it being considered for GE?

No

Please attach any additional files not requested above:

stat191 syllabus.pdf

Key: 14843