

Exercise Science and Sport Studies Department

Departmental Goals

1. Scholarly inquiry and analysis
2. Written communication
3. Oral communication
4. Ethical decision making
5. Preparation for graduate study or employment in exercise and sport related fields

**Learning Goal of Interest
 Inquiry and Analysis**

A student that graduates from CSB/SJU with a minor degree in Exercise Science and Sport Studies will demonstrate the ability to effectively engage in scholarly inquiry and analysis in the area of Exercise Science and Sport Studies.

Assessment Method #1: Student Achievement Data

Inquiry and Analysis: Mean Content Area Scores for 4 ESSS Courses

Area of Evaluation	Mean Score (± St. Dev)
Topic selection/ Research question	2.5 out of 3 (± 0.53)
Existing knowledge, research, and/or views	2.5 out of 3 (± 0.53)
Research design	2.1 out of 3 (± 0.54)
Analysis and Discussion	2.5 out of 3 (± 0.46)

Assessment Method #2: Student's Perception of Learning

Inquiry and Analysis: Survey of Graduating Seniors

Area of Evaluation	N = 14	Mean Score (± St. Dev)
Perceived opportunity to engage in undergraduate research in the ESSS department	n = 14	3.72 out of 4 (±0.47)
Curriculum prepared students for their undergraduate research	n = 7	3.57 out of 4 (±0.53)
Importance of undergraduate research in overall academic development	n = 7	3.43 out of 4 (±0.5)
Undergraduate research experience helped develop important professional skills	n = 7	3.57 out of 4 (±0.53)
Supervision and support they received in conducting the research was helpful and adequate	n = 7	3.57 out of 4 (±0.53)

Assessment Method #4: Third Party Evaluation

Accepted Conference Abstracts [Presentations (Student Presenters)]

(*) Projects awarded Undergraduate Research Awards

Year	Scholarship & Creativity Day	Northland Chapter of the American College of Sports Medicine	American College of Sports Medicine National Meeting
2010	16 (25)	0	0
2011	5(17)	2(7)	0
2012	8(19)	7(14) (3*)	1 (4)
2013	8(25)	5(16)	4 (7)
2014	14 (17)	7(13) (2*)	0
2015	TBD	TBD	2 (4) Abstracts in Review

Assessment Method #3: Graduate's Perception of Learning

Inquiry and Analysis: Survey of Recent Graduates

**** To be completed 2017-2018**

Conclusion:

- ESSS students demonstrated acceptable to exceptional Inquiry and Analysis skills, which correspond to a level consistent with the greater professional community.
- Students recognize the value of undergraduate research in enriching their educational experience and feel supported as they engage in the process.
- All undergraduate research projects involved experimental designs and pertained to natural science related topics.

Department Response:

- Continue to emphasize Inquiry and Analysis skills in the curriculum and encourage students to engage in undergraduate research.
- Encourage more social science and humanities research using non-experimental designs (example: develop new course intended to emphasize survey-based research).