



**SOUTH DAKOTA BOARD OF REGENTS  
ACADEMIC AFFAIRS FORMS**

**New Course Request**

Use this form to request a new common or unique course. Consult the system course database through for information about existing courses before submitting this form.

NSU	<b>Sports Sciences</b>
<b>Institution</b>	<b>Division/Department</b>
<i>Michael Wernow</i>	3/11/2024
<b>Institutional Approval Signature</b>	<b>Date</b>

**Section 1. Course Title and Description**

If the course contains a lecture and laboratory component, identify the lecture and laboratory numbers (xxx and xxxL) and associated credit hours. Provide the complete description as you wish it to appear in the system course database, including prerequisites, co-requisites, and registration restrictions.

Prefix & No.	Course Title	Credits
PE 464/564	Advanced Biomechanics Lab Techniques	3

*NOTE: The Enrollment Services Center assigns the short, abbreviated course title that appears on transcripts. The short title is limited to 30 characters (including spaces); meaningful but concise titles are encouraged due to space limitations in the student information system.*

Course Description
A laboratory-based course that explores biomechanics methods for quantifying human movements. Emphasis on motion capture, force measurement, clinical gait analysis, electromyography, data cleaning, analysis, and interpretation. Students will be equipped with the skills and knowledge necessary to quantify human movement with precision and apply these techniques to clinical assessments, an invaluable skillset in the healthcare and rehabilitation fields.

*NOTE: Course descriptions are short, concise summaries that typically do not exceed 75 words. DO: Address the content of the course and write descriptions using active verbs (e.g., explore, learn, develop, etc.). DO NOT: Repeat the course title, layout the syllabus, use pronouns such as “we” and “you,” or rely on specialized jargon, vague phrases, or clichés.*

**Pre-requisites or Co-requisites (add lines as needed)**

Prefix & No.	Course Title	Pre-Req/Co-Req?
PE 454	Biomechanics	Pre-Req

**Registration Restrictions**

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## Section 2. Review of Course

### 2.1. Will this be a unique or common course (place an "X" in the appropriate box)?

**Unique Course**

If the request is for a unique course, institutions must review the common course catalog in the system course database to determine if a comparable common course already exists. List the two closest course matches in the common course catalog and provide a brief narrative explaining why the proposed course differs from those listed. If a search of the common course catalog determines an existing common course exists, complete the Authority to Offer an Existing Course Form. Courses requested without an attempt to find comparable courses will not be reviewed.

Prefix & No.	Course Title	Credits
KSM 751	Lab Tech/Exercise Physiology (USD)	3
EXS 751	Lab Tech/Exercise Physiology (SDSU)	3

Provide explanation of differences between proposed course and existing system catalog courses below:

The proposed course provides advanced biomechanics lab techniques, not exercise physiology as stated in the existing courses. The courses above have a course description of "Physiological basis of factors which influence physical fitness and physical performance; application of physiological measures to fitness programs, critical analysis of current literature; emphasis on bioenergetics, neuromuscular and cardiorespiratory function, body composition and physical training."

Additionally, these are only available at the graduate level. The proposed class would be a dual-listed class providing undergraduates and graduates the opportunity to learn advanced biomechanics techniques.

**Common Course**      *Indicate universities that are proposing this common course:*

BHSU     DSU     NSU     SDSMT     SDSU     USD

## Section 3. Other Course Information

### 3.1. Are there instructional staffing impacts?

**No.** Replacement of \_\_\_\_\_

(course prefix, course number, name of course, credits)

\*Attach course deletion form

Effective date of deletion: [Click here to enter a date.](#)

**No.** Schedule Management, explain below: The course will be offered every other year as an elective. Additionally, it will be dual listed for graduate and undergraduate enrollment. Current faculty are qualified to teach the proposed course.

**Yes.** Specify below:

3.2. Existing program(s) in which course will be offered (i.e., any current or pending majors, minors, certificates, etc.):

BS Human Performance and MSED Sports Performance & Leadership

3.3. Proposed instructional method by university (as defined by AAC Guideline 5.4): Lecture (R)

3.4. Proposed delivery method by university (as defined by AAC Guideline 5.5):

N01 Face-to-face, N02 HyFlex, and N15 Online

3.5. Term change will be effective: Fall 2024

3.6. Can students repeat the course for additional credit?

Yes, total credit limit: \_\_\_\_\_  No

3.7. Will grade for this course be limited to S/U (pass/fail)?

Yes  No

3.8. Will section enrollment be capped?

Yes, max per section: 15  No

3.9. Will this course equate (i.e., be considered the same course for degree completion) with any other unique or common courses in the common course system database?

Yes  No

*If yes, indicate the course(s) to which the course will equate (add lines as needed):*

Prefix & No.	Course Title

3.10. Is this prefix approved for your university?

Yes  No

*If no, provide a brief justification below:*

\_\_\_\_\_

**Section 4. Department and Course Codes (Completed by University Academic Affairs)**

4.1. University Department: Sports Sciences

4.2. Banner Department Code: NHPE

4.3. Proposed CIP Code: 26.0908

*Is this a new CIP code for the university?*  Yes  No