SOUTH DAKOTA BOARD OF REGENTS
ACADEMIC AFFAIRS FORMS

New Course Request

SDSU	**Jerome J. Lohr College of Engineering / Department of Mathematics & Statistics**
Institution	**Division/Department**
Dennis D. Hedge	12/6/2022
Institutional Approval Signature	**Date**

3.5. Term change will be effective: fall 2023

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: 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 in Colleague and the Course Inventory Report?   Yes   No

3.10. Is this prefix approved for your university?   Yes   No

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

4.1. University Department: Mathematics & Statistics

4.2. Banner Department Code: SMAS

4.3. Proposed CIP Code: 27.0501

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

NEW COURSE REQUEST
Supporting Justification for On-Campus Review

Kurt Cogswell	Kurt Cogswell	4/25/2022
Request Originator	**Signature**	**Date**
Kurt Cogswell	Kurt Cogswell	4/25/2022
Department Chair	**Signature**	**Date**
Suzette Burckhard	Suzette Burckhard	10/21/2022
School/College Dean	**Signature**	**Date**

1. Provide specific reasons for the proposal of this course and explain how the changes enhance the curriculum.
   Topics in STAT 731 Statistical Genomics will include genomic data, data visualization, regression modeling and applications in genomics, dimension reduction, variable selection, genome-

8. Note whether adequate library and media support are available for the course.
   Adequate library and media support are available.

9. Will the new course duplicate courses currently being offered on this campus?   Yes   No

10. If this course may be offered for variable credit, explain how the amount of credit at each offering is to be determined.
   N/A