



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

New Course Request

SDSU	Jerome J. Lohr College of Engineering / Construction & Operations Management
Institution	Division/Department
Dennis D. Hedge	2/7/2018
Institutional Approval Signature	Date

Section 1. Course Title and Description

Prefix & No.	Course Title	Credits
OM 620	Analysis in Operations Management	3

Course Description	Management analytics with emphasis on problem identification, model construction, data analysis-summary-interpretation, solution procedures, risk & uncertainty.
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Pre-requisites or Co-requisites

Prefix & No.	Course Title	Pre-Req/Co-Req?
None		

Registration Restrictions

None

Section 2. Review of Course

2.1. Was the course first offered as an experimental course?

Yes (if yes, provide the course information below) No

2.2. Will this be a unique or common course?

Unique Course

Prefix & No.	Course Title	Credits
BADM 620	Quantitative Procedures for Business (NSU)	3
ENGM 631	Optimization Techniques (SDSMT)	3

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

BADM 620, offered at NSU, is focused on statistics & calculus applied to business economics in a theoretical context. OM 620 is problem based, using the case study method to apply contemporary tools a mid-level manager will use to make decisions. ENGM 631, offered at SDSM&T, is a broad compilation of engineering analysis techniques, many of which are not commonly used by operations managers. OM 620 uses some, but is more focused on management analysis and balancing risk.
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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. Schedule Management, explain below: This course will be offered on a two – three semester rotation as faculty workload and student demand align.

3.2. Existing program(s) in which course will be offered: Operations Management (M.S.)

- 3.3. **Proposed instructional method by university:** D – Discussion / Recitation
 3.4. **Proposed delivery method by university:** 001 – Face to Face Term Based Instruction
 3.5. **Term change will be effective:** Fall 2018
 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: 35 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 Code:** SCOM

4.2. **Proposed CIP Code:** 15.1501

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

**NEW COURSE REQUEST
Supporting Justification for On-Campus Review**

Teresa Hall	Teresa Hall	12/15/2017
Request Originator	Signature	Date
Teresa Hall	Teresa Hall	12/15/2017
Department Chair	Signature	Date
Lewis Brown		12/15/2017
School/College Dean	Signature	Date

1. Provide specific reasons for the proposal of this course and explain how the changes enhance the curriculum.

This course will fill a need, particularly as data-based decision making is a core skill for successful managers in business and industry.

2. Note whether this course is: Required Elective

3. In addition to the major/program in which this course is offered, what other majors/programs will be affected by this course?

Economics, Engineering, Sport & Recreation Administration, or Data Science

4. If this will be a dual listed course, indicate how the distinction between the two levels will be made.

N/A

5. Desired section size 30

6. Provide qualifications of faculty who will teach this course. List name(s), rank(s), and degree(s).
Ekaterina Koromysova, Assistant Professor, Ph.D.

7. Note whether adequate facilities are available and list any special equipment needed for the course.

No special facilities or equipment needed.

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

Resources are adequate.

9. Will the new course duplicate courses currently being offered on this campus?

Yes No

If yes, provide justification.

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