Department / Academic Program: Statistics and Data Sciences

Course Field of Study: SDS  Course Number: 323  Topic Number: 

Course Title: current: Statistical Learning and Inference; proposed: Statistical Learning, Inference, and Data Mining

Proposed Change

- Add
- Drop
- Contact Hours/Semester Hour
- Degree Plan Statement
- Meeting Statement
- Prerequisite
- Restrictions
- Same-as-Statement
- Subject-Matter

Select: ✔ Title

Same-as Statement: 

Restriction: 

Subject-Matter Description: 

Contact Hours (Lecture):  
Contact Hours (Lab):  
Value in Semester Hours:  

Repeatable: 
- Yes
- No

Grading Method:
- Student Option
- Pass/Fail Only
- Letter Grade Only

Meeting Statement: 

Degree Plan Statement: 

Prerequisite Current: 

Prerequisite Proposed: 

Justification: The topics covered in a typical "Statistical Learning and Inference" course are quite similar to topics in a course with the "Data Mining" title. For example, the authoritative and widely-used reference book written by prominent statisticians at Stanford University is titled, "The Elements of Statistical Learning: Data Mining, Inference, and Prediction." For the contents of this course, adding "data mining" is fitting. Plus, a practical aspect to using the key phrase "data mining"—recruiters for data science positions (human & automated screening systems) often look for this key phrase in resumes. SDS 323 has never been taught.

Date Approved by Dept: 09/26/2017 
Form Completed By: Vicki L Keller