Semester course: STAT 8460 -- 2 CREDIT HOURS

1. Transcript Abbreviation: (maximum 18 characters)
   Adv Topics Design Expt

2. Long course title
   Advanced Topics in the Design and Analysis of Experiments

3. Course description: (maximum of 250 characters)
   Selection of Advanced Topics from: Theory of optimal design; Computational Algorithms; Design and analysis of computer experiments; Design for nonlinear models; Discrete choice experiments

4. Prerequisites / Co-requisites (use quarter and semester codes):
   Stat 7410 (Stat 742) or permission of instructor

5. Exclusions (use quarter and semester codes):
   Stat 847

6. A list of topics that make up the course: (One per line, max of 15)
   Theory of optimal design;
   Computational Algorithms;
   Design and analysis of computer experiments;
   Design for nonlinear models;
   Discrete choice experiments

7. Does your class have a component that is not just a lecture (YES/NO):
   NO

8. If your course is not a straight conversion and adds or removes material, write a brief rationale for the change (one sentence - max 250 characters).
   Straight conversion