

# PROPOSAL TO CREATE, REVISE OR DELETE A COURSE

Department **Math**

(Proposed Course Number) **3334**

Proposed Course Title **Probability**

Nature of Proposed Change			
New Course	<input type="checkbox"/>	Description Change	<input type="checkbox"/>
Revised Course	<input type="checkbox"/>	Title Change	<input checked="" type="checkbox"/>
Deleted Course	<input type="checkbox"/>	Editorial Change	<input type="checkbox"/>
Number Change	<input type="checkbox"/>	(Old Number _____)	
Adding Prerequisites	<input type="checkbox"/>		

Common Curriculum Status		
Presently in Common Curriculum	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Now Proposed for Common Curriculum	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
If yes, which Understanding or Skill _____		
Estimated number of seats added or deleted from the Understanding _____		

Rationale (Explain why the change is being proposed, its relation, if any, to the major or minor program, and what curricular improvements will result.):

**The course name is being changed from Mathematical Statistics I to Probability because the course currently contains no statistics.**

Curricular Impact Statement (What curricular trade-offs will result if this course is approved?):

**n/a**

Teaching Resources (Explain any impact on personnel, faculty contact hours, Common Curriculum and other course offerings, and involvement in First Year Seminar.):

**n/a**

Proposed Bulletin Description:

**This course covers the basic concepts of probability, including counting methods, events, conditional probability, discrete and continuous random variables and their distributions, multivariate distributions, commonly used discrete and continuous distributions, functions of random variables, expectation, variance, covariance, and correlation. Fall.**

**Prerequisite: MATH 2321.**

Present Bulletin Title and Description:

**This course covers the basic concepts of probability, including counting methods, events, conditional probability, discrete and continuous random variables and their distributions, multivariate distributions, commonly used discrete and continuous distributions, functions of random variables, expectation, variance, covariance, and correlation. Fall.**

**Prerequisite: MATH 2321.**

Instructor(s) <u>Departmental</u>	IS THIS COURSE		
Semester course will first be offered <u>Fall 2008</u>	- cross-listed with another department? If so, which one? _____	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Effective date of change _____	- a prerequisite for another course? If so, which one(s)? <u>MATH 3335</u>	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Frequency of offering <u>Every fall.</u>	- part of an interdisciplinary program? If so, which one(s)? _____	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Is a similar course offered in another department? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	- a prerequisite or specific requirement for a major or minor in another department or program? If so, which one(s)? _____	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
If yes, attach explanation.	If any of the above responses is "Yes", have you contacted the appropriate department(s)?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
If this course will demand additional library resources, equipment, renovation and/or remodeling, computer facilities and time, or have a significant impact on workload or budget, have you arranged for these resources? Yes <input type="checkbox"/> No <input type="checkbox"/> None required <input checked="" type="checkbox"/>	Can a student enter this course with permission of the instructor without the prerequisite(s)?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Are there needs for technological resources not currently available on campus? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			

## ROUTING

Please list the appropriate departments that have reviewed and endorsed this proposal: \_\_\_\_\_

Date: \_\_\_\_\_

AA (April 2003)