GE CRITERIA APPROVAL FORM

Course Number and Title: Math 331 History of Mathematics

Faculty member(s) proposing Course: Ivona Grzegorczyk, Prof. of Mathematics, Nikolaos Diamantis, Assistant Prof. of Mathematics

Indic ate which of the following GE would be satisfied by this course by marking an "X" on the appropriate lines. Courses may be placed in up to *two* GE categories as appropriate. Upper Division Interdisciplinary GE courses (UDIGE) may be placed in two GE categories in addition to the UDIGE category.

	GE Category	
	A1:	Oral Communication
	A2:	English Writing
	A3:	Critical Thinking
	B1:	Physical Sciences—Chemistry, Physics, Geology, and Earth Sciences
	B2:	Life Sciences—Biology
x	B3	Mathematics—Mathematics and Applications
	B4	Computers and Information Technology
	C1	Art
	C2:	Literature
	C3a:	Language
	C3b:	Multicultural
x	D:	Social Perspectives
	E:	Human Physiological and Psychological Perspectives
x	Upper Division Interdisciplinary GE	
	Lab Included?	Yes _____ No _____

Please provide a brief explanation of how the proposed course meets *each* of the criteria for the selected GE categories.

D : in this course student will

- study an influence of historical, social and political realities on development mathematical ideas over centuries
- study historical and social contexts of scientific breakthroughs and the development of human thought
- research lives of famous mathematicians and their contemporaries from the historical perspective

B3

- study development of major mathematical ideas
- solve mathematical problems in historical context
- research works of famous mathematician

Interdisciplinary

1. Integrates contents, ideas and approaches used historians and mathematicians (for example library and web research)

2.Includes at least 3 written research papers on life and work of ancient, modern and contemporary mathematicians.