

Course Change Request

Academic Organization and Curriculum Handbook

College **MPS**

Course Bulletin Listing **MATH - MATHEMATICS**

Course Prefix

Course Number **618**

Course Decimal

Full Course Title **Theory of Interest**

Transcript Title **THEORY OF INTEREST**

Level **U G**

Credit Hours **4**

College **MPS**

Course Bulletin Listing **MATH - MATHEMATICS**

Course Prefix **618** Generic course or decimal subdivision?

Full Course Title **Theory of Interest**

Transcript Title **THEORY OF INTEREST**

Level Undergraduate Graduate **Credit Hours** **4**

Proposed Effective Year **10** **Proposed Effective Term** **Winter Quarter**

Course Bulletin

Course Description
Mathematical techniques of use in analyzing financial transactions involving interest: measurement of interest, force of interest, annuities-certain, applications to actuarial science.

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Terms Offered **AU**

Terms Offered **Quarter(s)**
 Autumn
 Winter
 Spring
 Summer
 Summer 1
 Summer 2

Offering Pattern **This year**

Offering Pattern This year Every other year

Distribution of Class Time **2 2-hr cl.**

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Omit distribution of class time from printing?

Prerequisites
Prereq: 254 or 254.xx or permission of instructor.

Prerequisites **Prereq: 254 or 254.xx or 263 or 263.xx or 263H.01 or 264H or permission of Math Department.**

Electronic enforcement of prerequisites?

Exclusion or Limiting Clause

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Open only to Actuarial Science majors or Mathematics majors.

Repeatable?

Max Repeatable Credit Hours

Grade Option **L**

Repeatable?

Cross Listed?

Course part of a sequence?

Grade Option Letter S/U Progress

GEC Course

General Course Information Statement

Honors Statement

- Off Campus/Field Experience?
- EM Credit?
- Admission Condition Course?
- Offered in Distance Learning Format?
- Service Learning?

General Information

Subject (CIP) Code | 521304

Subsidy Level | D

If you have questions, please contact Jed Dickhaut @ dickhaut.1@osu.edu.

Expected Section Size | 90

Proposed Number of Sections Per Year | 1

- Course time less than 1 full term or Workshop
- Off-campus offering?
- Required on Major(s)
- Required on Minor(s)
- Elective within Major(s)
- Elective within Minor(s)
- Choice of Major(s)
- Choice of Minor(s)

A General Elective

Indicate the nature of the program adjustments, new funding, and/or withdrawals that make possible the implementation of this new course. Evidence must be given of whether the budget support will come from reallocation of existing resources or from new program funds.

This change will not require new resources.

Is approval of this request contingent upon the approval of other course or curricular requests? Yes No

Describe any changes in library, equipment, or teaching aids needed

Purpose of the proposed change

The number of Actuarial Science majors has increased significantly in recent years. Math 618, 630, 631, 632 are core requirements for those students. Students outside of Math and Actuarial Science do not have as much need to enroll in those courses: space is not available for them. When suitable instructors are hired the course size will expand.

Proposed change impacts course contents?

Describe the method of funding if the proposed changes involves budgetary adjustments

Please complete and attach the form(s) on the following page before completing the package.

[Course Supplement Form](#)

Course Contact Information

Faculty Name Daniel Shapiro

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Contact Name Daniel Shapiro

Contact Dept Mathematics

Contact Email shapiro@math.ohio-state.edu

Contact Phone 614-292-510

Save

Validate