Check List for BS in Mathematics - Finance Math Option

Effective Fall 2015

**EXAMPLES OF 4000-LEVEL MATH ELECTIVES**

(Classes may require pre-requisites. Check Catalog for Pre-Requisites)

- S MATH 4315 Graph Theory with Applications
- F MATH 4331 Introduction to Real Analysis
- ** MATH 4333 Advanced Abstract Algebra
- F MATH 4335 Partial Differential Equations
- F MATH 4350 Differential Geometry
- S MATH 4555 Mathematics of Signal Representation
- F MATH 4364 Numerical Analysis
- F/Su MATH 4377 Advanced Linear Algebra I
- S MATH 4383 Number Theory
- F MATH 4388 History of Mathematics
- ** MATH 4390 Applied Mathematics Seminar

- F - Fall Semester, S - Spring Semester, Su - Summer Semester

**Indicates the course is not offered at consistent intervals**

Students are strongly encouraged to fulfill the NSM Capstone by completion of a minor in Finance, Accounting, or Economics. The requirements for each minor are available in the Undergraduate Catalog (see College of Business [FINA/ACCT] or College of Liberal Arts and Social Sciences [ECON] sections).

**NSM CAPSTONE (Minimum 6 Advanced Hours):**

- Minor
- Double Major
- Senior Research Project
- Double Degree
- Senior Honors Thesis
- teachHouston

**FREE ELECTIVES**

(Additional hours to complete a total of 120 hours, including at least 36 advanced hours)

-Satisfied by ECON 2304 and 2305 as prerequisites*

**RULES YOU NEED TO KNOW:**

1. MINIMUM of a 2.00 GPA in cumulative, major, and minor GPA to graduate
2. **C- RULE:** MAXIMUM of 6 hours of grades below C- allowed in UH MATH courses
3. LAST 30 hours must be exclusively completed at UH
4. MAXIMUM of 6 Ws allowed during entire undergraduate career
5. MINIMUM of 36 advanced hours and 120 total hours to graduate
6. MAXIMUM of 66 lower level transfer hours may be applied towards UH degree
7. At 60 hours, must request a Major Degree Plan *REQUIRED TO GRADUATE*

Advisor: __________________________

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Name: Date: General Catalog: 20__ - 20__
PeopleSoft ID: Major Catalog: 20__ - 20__