Check List for BA in Mathematics

MATH Natural Sciences (7 Hours):
- 1 hr Natural Sciences Lab
- 3 hours NSM Approved Natural Science

NSM Natural Sciences (7 Hours):
- 3 hours 2000-level Foreign Language
- 3 hours 2000-level Foreign Language

All 6 hours Foreign Language must be in the SAME Language

CORE (Check UH Catalog or UH Core Website for Pre-Requisites)

COMMUNICATION (6 Hours):
- ENGL 1301 First Year Writing I
- ENGL 1302 First Year Writing II

STATE REQUIREMENTS (12 Hours):
- American History (3 Hours)
- American History (3 Hours)
- GOVT 2305 U.S. Government: Congress, President, and Court
- GOVT 2306 U.S. and Texas Constitutions and Politics

FROM APPROVED CORE LIST (12 Hours): Choose from UH Core Website
- Language/Philosophy/Culture (3 Hours)
- Creative Arts (3 Hours)
- Social & Behavioral Science (3 Hours)
- Writing in the Disciplines (3 Hours)

RULES YOU NEED TO KNOW:
1. MINIMUM of a 2.00 GPA in cumulative, major, and minor GPA to graduate
2. PRE-REQ RULE: Must earn C- or better in pre-requisite for MATH courses
3. C-RULE: MAXIMUM of 6 hours of grades below C- allowed in UH MATH courses
4. LAST 30 hours must be exclusively completed at UH
5. MAXIMUM of 6 W’s allowed during entire undergraduate career
6. MINIMUM of 36 advanced hours and 120 total hours to graduate
7. MAXIMUM of 66 lower level transfer hours may be applied towards UH degree

*EXAMPLES OF MATHEMATICS ELECTIVES
(Contains Catalog for Pre-Requisites)
- MATH 3336 Discrete Mathematics
- MATH 3338 Probability
- MATH 3339 Statistics for the Sciences
- MATH 3340 Introduction to Fixed Income Mathematics
- MATH 3341/3342 Introduction to Real Analysis
- MATH 3343 Advanced Abstract Algebra
- MATH 4330 Linear Algebra
- MATH 4331/4332 Introduction to Real Analysis
- MATH 4333 Advanced Abstract Algebra

NSM CAPSTONE (Minimum 6 Advanced Hours):
- Minus choose from one of the following:
  - 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)

Advisor: ________________________________