MATHEMATICAL SCIENCES MAJOR
Program Tracking Sheet
Effective for students entering AY 2021-2022

Name:	Class Year:
Advisor:	2ⁿᵈ Major:

NOTES: Minimum total academic credit = 15 units
 Residency Req.: Min. of 8 units must be completed at WPI

HUMANITIES AND ARTS (6/3 units)
All 5 HUA courses must be completed before beginning the Inquiry Seminar or Practicum.

Depth Component
Students must complete at least three thematically-related courses prior to the culminating Inquiry Seminar or Practicum in the same thematic area. At least one of the three courses should be at the 2000-level or above.

	Course	Term	Grade	Units
1				1/3
2				1/3
3				1/3
4	HU 3900 or HU 3910			1/3

Breadth Component
Students must take at least one course outside the grouping in which they complete their depth component. To identify breadth, courses are grouped in the following manner.
i.   art/art history, drama/theatre, and music (AR, EN/TH, MU);
ii. foreign languages (AB, CN, EN, GN, SP);
iii. literature and writing rhetoric (EN, WR, RH);
iv. history and international studies (HI, HU, INTL);
v.   philosophy and religion (PY, RE).
Exception: May take all six courses in a foreign language

5				1/3

Humanities Elective

6				1/3

PHYSICAL EDUCATION (4 PE classes = 1/3 unit)

7				1/12
				1/12
				1/12
				1/12

SOCIAL SCIENCE (2/3 unit) ECON, ENV, GOV, PSY, SD, SOC, SS, STS, DEV, and ID2050

8				1/3
9				1/3

THE INTERACTIVE QUALIFYING PROJECT (1 unit)

10				1/3
11				1/3
12				1/3

FREE ELECTIVES (1 unit)

13				1/3
14				1/3
15				1/3

MATHEMATICS (7 units)
May not include both MA 2631 and MA 2621.
May not include both MA 2071 and MA 2072.
At least 7/3 units must consist of MA courses at the 3000 level or above.

TRANSITION COURSES (4/3 units)
Must include at least four of the following: MA 1033 or MA 1971 (one only), MA 2073, MA 2211, MA 2251, MA 2271*, MA 2273*, MA 2431, MA 2631, MA 3631, or their equivalents (MA 2621 cannot be counted as a transition course)

16				1/3
17				1/3
18				1/3
19				1/3

CORE COURSES (4/3 units)

20	MA 3831			1/3
21	MA 3832			1/3
22	MA 3257 or MA 3457			1/3
23	MA 3823* or MA 3825*			1/3

ADDITIONAL COURSES AT 3000 LEVEL OR HIGHER (1 unit)

24				1/3
25				1/3
26				1/3

INTRODUCTORY AND OTHER MATH COURSES (8/3 units)

27				1/3
28				1/3
29				1/3
30				1/3
31				1/3
32				1/3
33				1/3
34				1/3

MAJOR QUALIFYING PROJECT (3/3 unit)

35				1/3
36				1/3
37				1/3

MATHEMATICAL PROGRAM - RELATED COURSES (2 units)
Courses from other departments that are related to the student's mathematical program.
At least 2/3 units of science must be included. At least 2/3 unit in computer science must be included; the remaining courses are to be selected from science, engineering, computer science or business (except FIN 1250). Science courses may be chosen from the following disciplines: BB, CH, ES, GE, PH. CS courses may not include both CS 3043 and CS 2022.

38	SCI			1/3
39	SCI			1/3
40	CS			1/3
41	CS			1/3
42				1/3
43				1/3

ADDITIONAL COURSES (2/3 units)
Additional courses or independent studies (except AS, MS, PE courses, and other degree requirements) from any area.

44				1/3
45				1/3

*Category II classes. Only offered every other year.