

Thomas Harriot College of Arts and Sciences
B.S. in Physics - Research Concentration with double major in Mathematics

Please note that this is a **recommended** sequence.
 Check catalog for prerequisites. Course availability may vary from semester to semester.

FRESHMAN YEAR		
Fall Semester		Spring Semester
ENGL 1100 (WI)	3	CHEM 1160/1161
MATH 1083*	3	MATH 2171
CHEM 1150/1151	4	Social science
Social science	3	Fine art
Humanity	3	HLTH 1000
16		

SOPHOMORE YEAR		
ENGL 2201 (WI)	3	MATH 2173
MATH 2172	4	PHYS 2360/1261
PHYS 2350/1251	5	Humanity/Fine art
CSCI 1010/1011	4	MATH 2300 (WI)
		KINE 1000
16		

JUNIOR YEAR		
PHYS 3416	3	PHYS 3417
MATH 3256	3	PHYS 3560
MATH 3307	3	PHYS 4120 [†] or PHYS Elective ^{††}
Social science	3	MATH 3263 (WI)
		MATH 4331
12		

SENIOR YEAR		
PHYS 4226	3	PHYS 4700/4701 (WI)
PHYS 4326	3	PHYS 4120 [†] or PHYS Elective ^{††}
PHYS Elective ^{††}	3	PHYS 4410
MATH elective**	3	MATH elective**
MATH 4101	3	Free elective
15		

TOTAL HOURS

Confirmed by **Sprague**

Updated:

NOTES:

All MATH courses must be completed with a grade of C- or better

**MATH 1083 not required, may start with 2171 if you meet appropriate placement criteria*

***Numbered above 2999, excluding MATH 3229, 3237, 3239*

***MATH 4331 is a pre/co-requisite for PHYS 4226 and PHYS 4326. It is recommended (not required) that M be taken before those courses. Those interested in applied math (or engineering) should take MATH 4331 immediately after taking MATH 2173.

† PHYS 4120 is offered in the Spring of even-numbered years. Students should take it in either their junior or senior year (when offered).

†† 6 s.h. of PHYS electives may be taken any semester(s); choose from PHYS 2716 or any PHYS course above 2000 level. A 3 s.h. Global Diversity course and a 3 s.h. Domestic Diversity course are also required (these can coincide with general education or major courses).

12 s.h. of Writing Intensive (WI) courses must be completed, typically including ENGL 1100, ENGL 2201. MATH 2300 and MATH 3263. Physics requires PHYS 4700. WI is covered.

2021-22

atics

4
4
3
3
2
16

4
5
3
3
1
16

3
3
3
3
3
3
15

3
3
3
3
3
3
15

121

June 2021

*MATH 4331 be
mediately after*

r senior year

ove 2999.

e with other

lath requires