

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

Please note that this is a **recommended** sequence.

Check catalog for prerequisites. Course availability may vary from semester to semester. Note the BA in Chemistry normally requires 4 semesters of foreign language, but this requirement is waived for students earning a BS in another field and a second major in Chemistry.

<b>FRESHMAN YEAR</b>			
<b>Fall Semester</b>		<b>Spring Semester</b>	
ENGL 1100 (WI)	3	CHEM 1160/1161	4
MATH 1083	3	MATH 2171	4
CHEM 1150/1151	4	Social Science	3
Social science	3	Fine art	3
Humanity	3	HLTH 1000	2
	<b>16</b>		<b>16</b>

<b>SOPHOMORE YEAR</b>			
ENGL 2201 (WI)	3	MATH 2173	4
MATH 2172	4	PHYS 2360/1261	5
PHYS 2350/1251	5	Humanity/Fine art	3
CHEM 2750/2753	4	CHEM 2760/2763	4
KINE 1000	1		
	<b>17</b>		<b>16</b>

<b>JUNIOR YEAR</b>			
PHYS 3416	3	PHYS 3417	3
MATH 4331	3	PHYS 3560	3
CHEM 3250/3251 (Lab WI)	5	PHYS Elective	3
Social Science	3	Free elective	3
	<b>14</b>		<b>12</b>

<b>SENIOR YEAR</b>			
PHYS 4226	3	PHYS 4700/4701 (WI)	3
PHYS 4326	3	PHYS 4120	3
PHYS Elective	3	PHYS 4410	3
CHEM 3850/3851 (Lab WI)	5	CHEM 3450/3451 (Lab WI)	4
Free elective	3		
	<b>17</b>		<b>13</b>

<b>TOTAL HOURS</b>	<b>121</b>
--------------------	------------

Confirmed by Bennett

Updated: June 2021

**NOTES:**

*Four Writing Intensive (WI) courses, typically including ENGL 1100 and ENGL 2201; at least one WI course in major and an additional WI course of the student's choice. Prior to 2020-2021, 12 s.h. of WI courses must be completed, typically including ENGL 1100, ENGL 2201; at least 3 s.h. in the major and an additional WI of the student's choice.*

*A 3 s.h. Global Diversity course and a 3 s.h. Domestic Diversity course are also required (these can coincide with other general education or major courses)*