



DEGREE CURRICULA FLOW CHARTS

For Students Entering
Maritime College
During
2016-17 Academic Year

As of January 18, 2017

About the Flow Charts

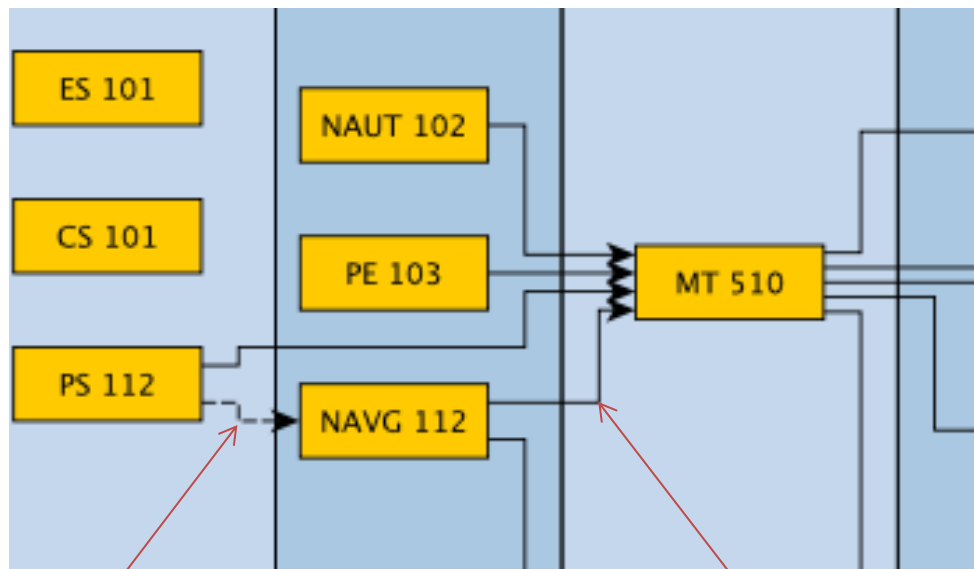
The flow chart for your degree curriculum is a tool to help you visualize the timing of and the relationships between the many courses you will have to take to satisfy the requirements for your degree. The flow charts show the following information.

- required courses for your degree
- the semester in which you should take those courses, as shown on your degree curriculum
- prerequisite and corequisite relationships between the courses in your degree

A separate flow chart for remedial courses (which typically do not count towards your degree) and the courses that have remedial prerequisites or corequisites can be found at the end of this document.

The flow charts are not a substitute for reading your degree curriculum and the course descriptions. Some information, like required minimum grades for prerequisites, the terms in which courses are typically offered, and prerequisites that are not courses (for example, junior standing) are not shown on the flow charts. When in doubt, always refer to your degree curricula and the course descriptions, and do not hesitate to ask for help from your advisor, your department chair, or the academic dean.

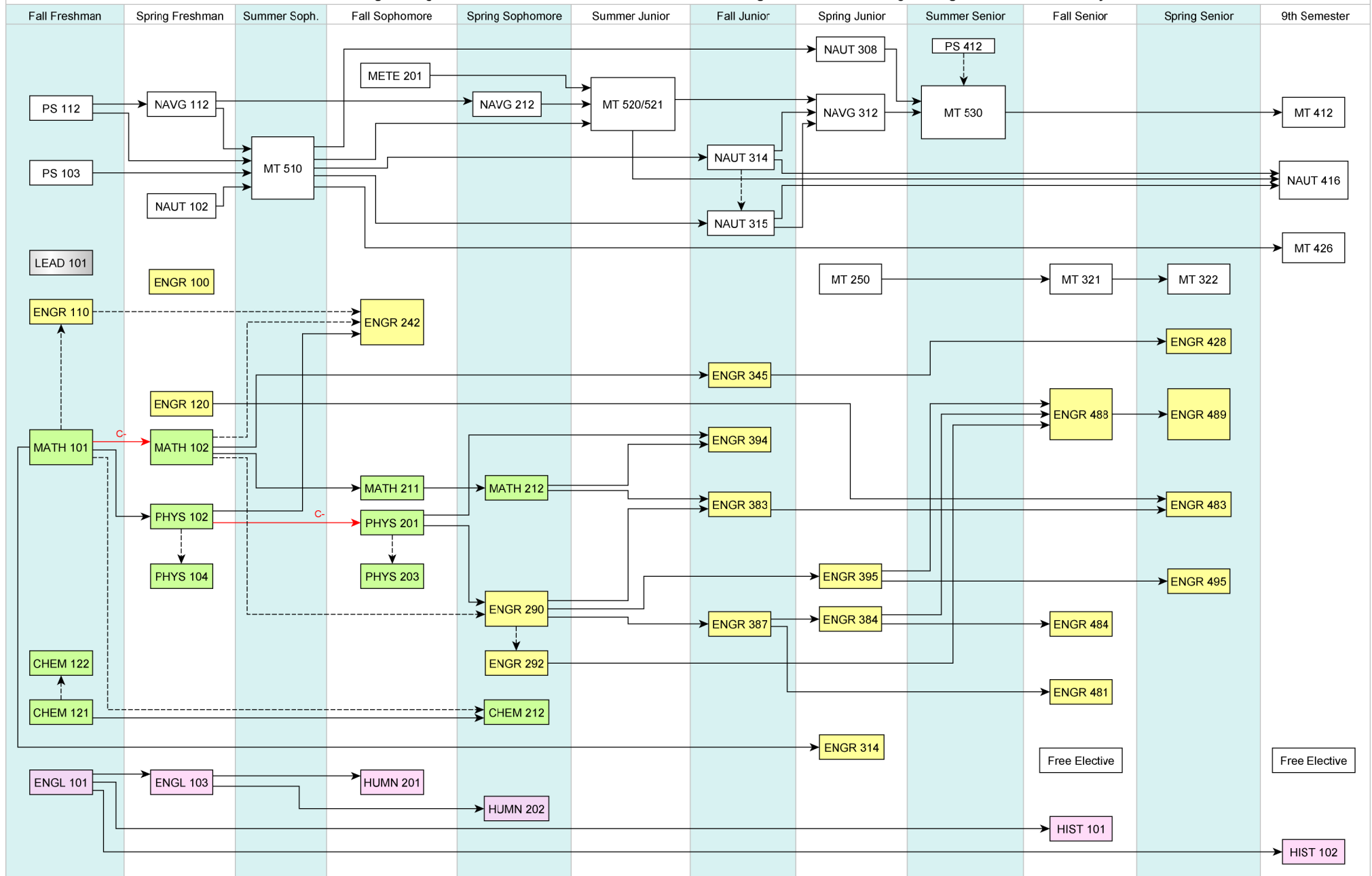
How to Read the Flow Charts



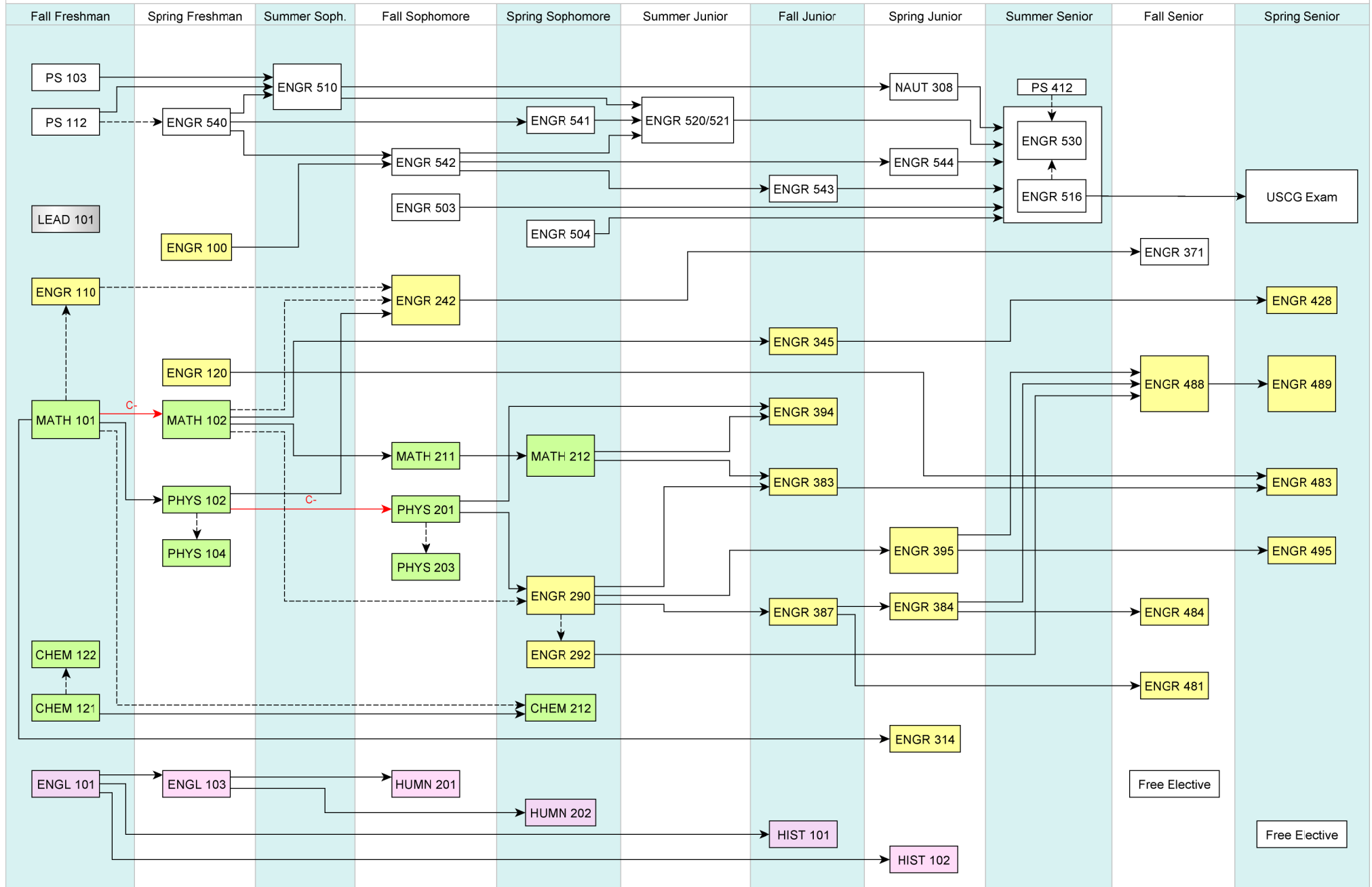
A dotted arrow indicates that the first course is a corequisite for the second. This means that you must take the first course before or at the same time as the second. Here, PS 112 is a corequisite for NAVG 112.

A solid arrow indicates that the first course is a prerequisite for the second. This means that you must take the first course before the second. Here, NAVG 112 is a prerequisite for MT 510.

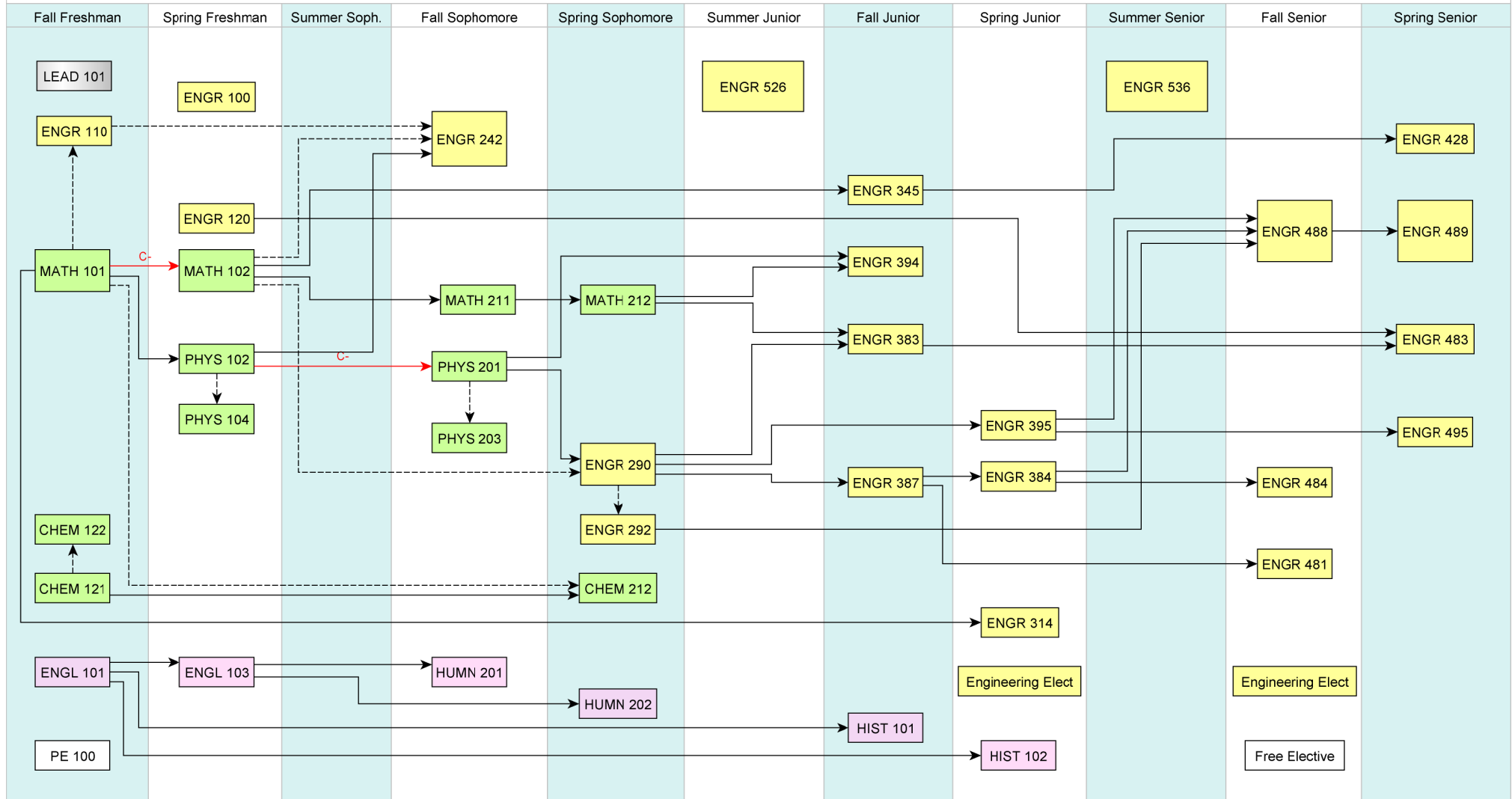
B.E. in Electrical Engineering with Deck License - Flow Chart for students entering SUNY Maritime College during the 2016-17 academic year



B.E. in Electrical Engineering with Engine License - Flow Chart for students entering SUNY Maritime College during the 2016-17 academic year

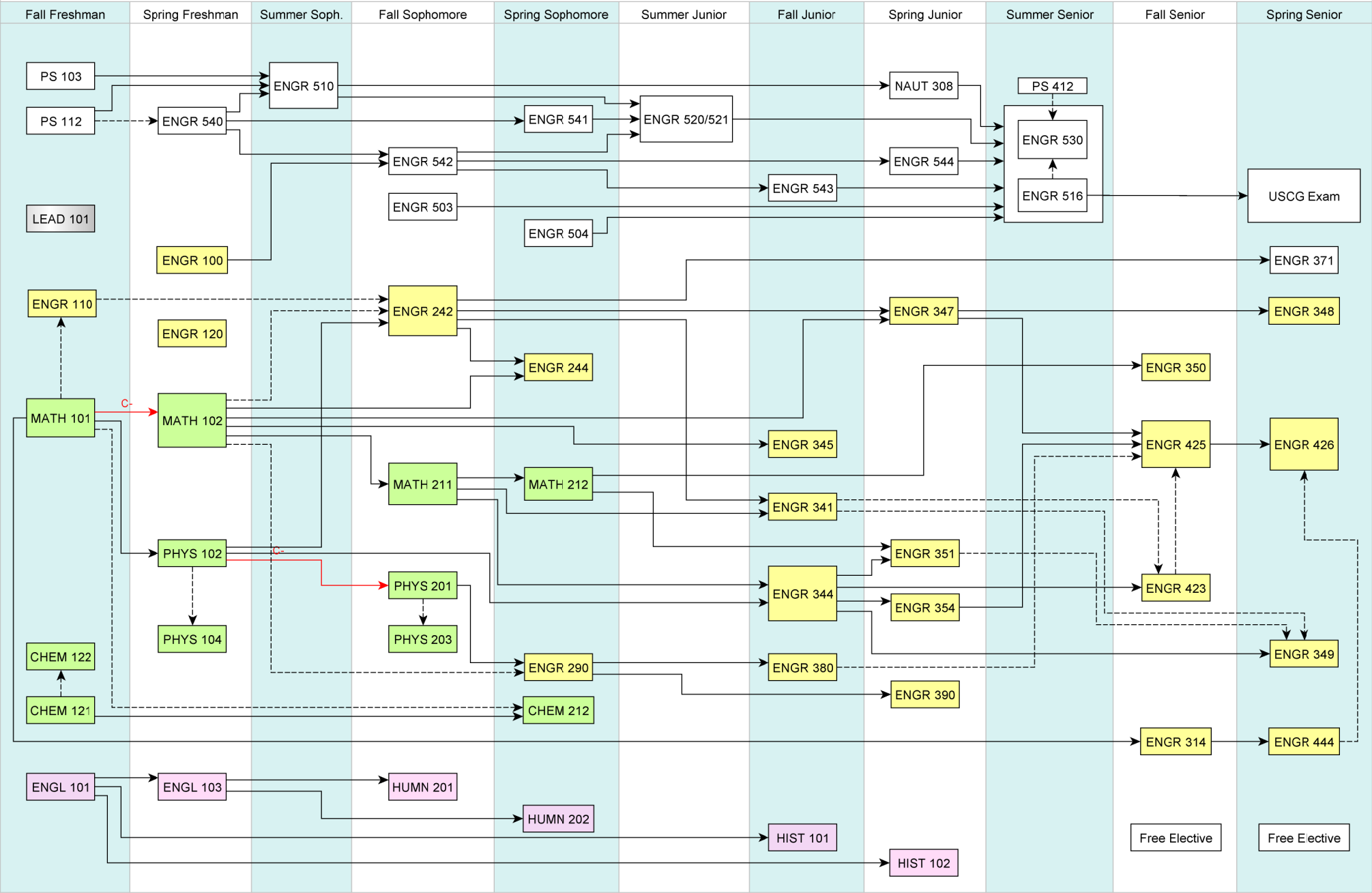


B.E. in Electrical Engineering with Internship - Flow Chart for students entering SUNY Maritime College during the 2016-17 academic year

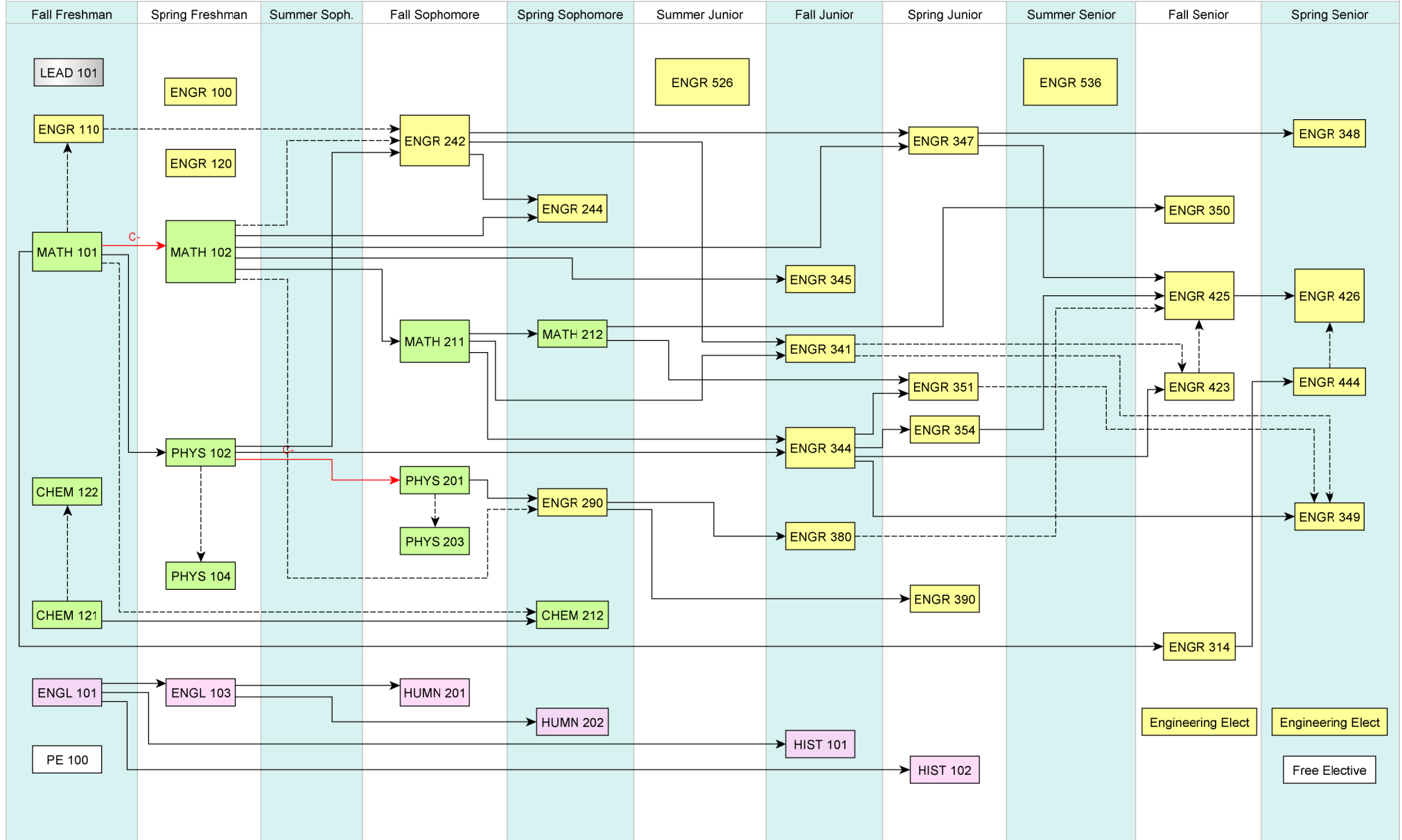


B.E. in Facilities Engineering with Engine License - Flow Chart for students entering SUNY Maritime College during the 2016-17 academic year

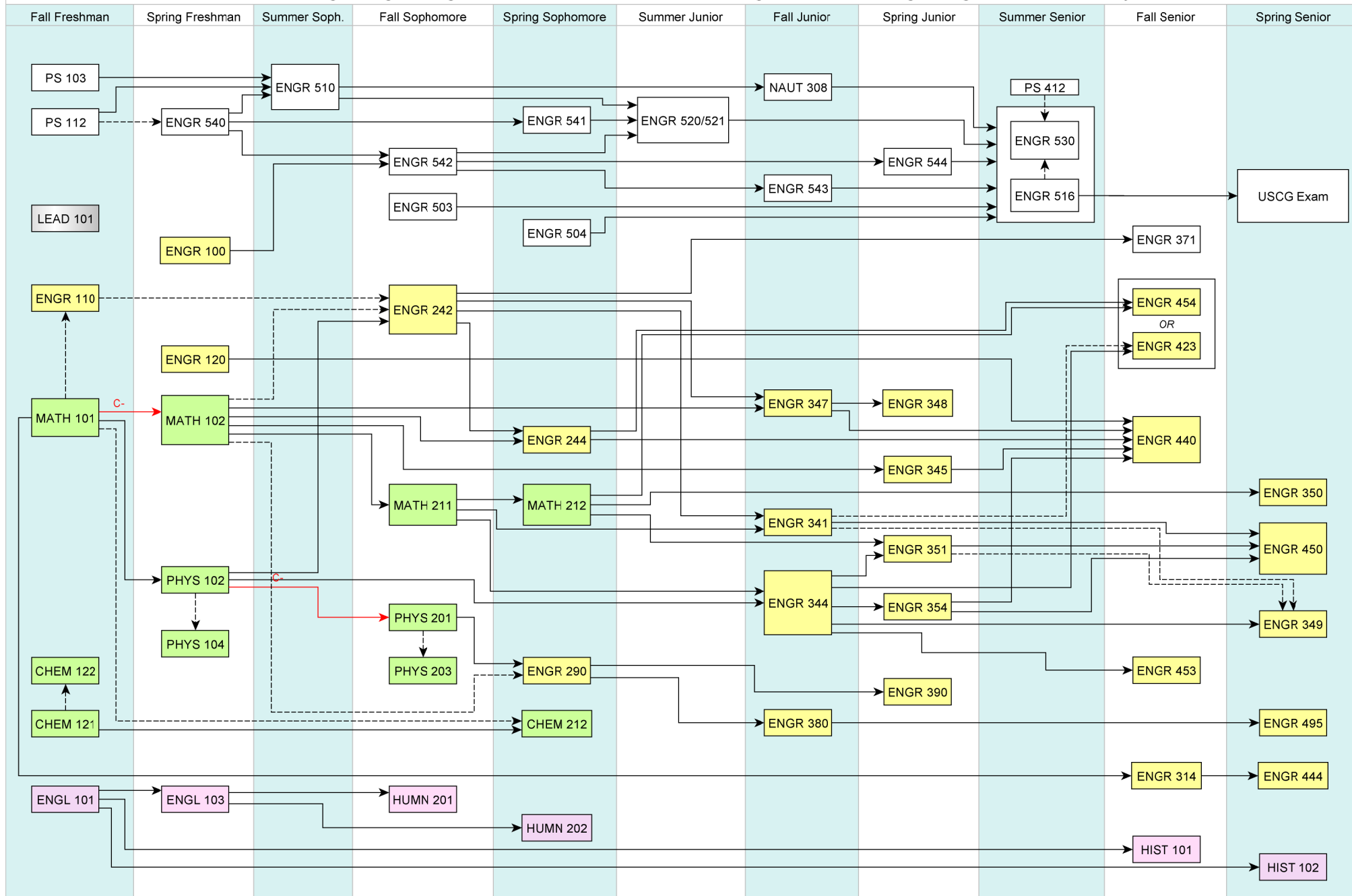
Fall Freshman	Spring Freshman	Summer Soph.	Fall Sophomore	Spring Sophomore	Summer Junior	Fall Junior	Spring Junior	Summer Senior	Fall Senior	Spring Senior
PS 103		ENGR 510					NAUT 308	PS 412		
PS 112	ENGR 540			ENGR 541	ENGR 520/521			ENGR 530		
			ENGR 542				ENGR 544	ENGR 516		
LEAD 101			ENGR 503			ENGR 543			USCG Exam	
	ENGR 100			ENGR 504						ENGR 371
ENGR 110										ENGR 348
	ENGR 120		ENGR 242	ENGR 244			ENGR 347			
MATH 101	MATH 102					ENGR 345			ENGR 350	
			MATH 211	MATH 212				ENGR 425	ENGR 426	
						ENGR 341				
	PHYS 102		PHYS 201			ENGR 344	ENGR 351		ENGR 423	
			PHYS 203				ENGR 354			
CHEM 122						ENGR 380				ENGR 349
CHEM 121							ENGR 390			
			ENGR 290							
ENGL 101	ENGL 103		HUMN 201						ENGR 314	ENGR 444
			HUMN 202							
						HIST 101				
							HIST 102			
									Free Elective	Free Elective



B.E. in Facilities Engineering with Internship - Flow Chart for students entering SUNY Maritime College during the 2016-17 academic year



B.E. in Marine Engineering with Engine License - Flow Chart for students entering SUNY Maritime College during the 2016-17 academic year



B.E. in Mechanical Engineering with Engine License - Flow Chart for students entering SUNY Maritime College during the 2016-17 academic year

The flow chart illustrates the required course sequence for the B.E. in Mechanical Engineering with Engine License program at SUNY Maritime College for students entering in the 2016-17 academic year. The chart is organized by semester across eleven columns: Fall Freshman, Spring Freshman, Summer Soph., Fall Sophomore, Spring Sophomore, Summer Junior, Fall Junior, Spring Junior, Summer Senior, Fall Senior, and Spring Senior.

Fall Freshman: PS 103, PS 112, LEAD 101, ENGR 110, MATH 101, CHEM 122, CHEM 121, ENGL 101.

Spring Freshman: ENGR 540, ENGR 100, ENGR 120, MATH 102, PHYS 102, PHYS 104.

Summer Soph.: ENGR 510, ENGR 242, MATH 211, PHYS 201, PHYS 203, ENGR 290, CHEM 212.

Fall Sophomore: ENGR 541, ENGR 542, ENGR 503, ENGR 244, MATH 212.

Spring Sophomore: ENGR 520/521, ENGR 504, ENGR 347, ENGR 312, ENGR 345, ENGR 341, ENGR 351, ENGR 344, ENGR 380, ENGR 390.

Fall Junior: NAUT 308, ENGR 543, ENGR 516, ENGR 371, ENGR 348, ENGR 454, ENGR 418, ENGR 354, ENGR 349, ENGR 314.

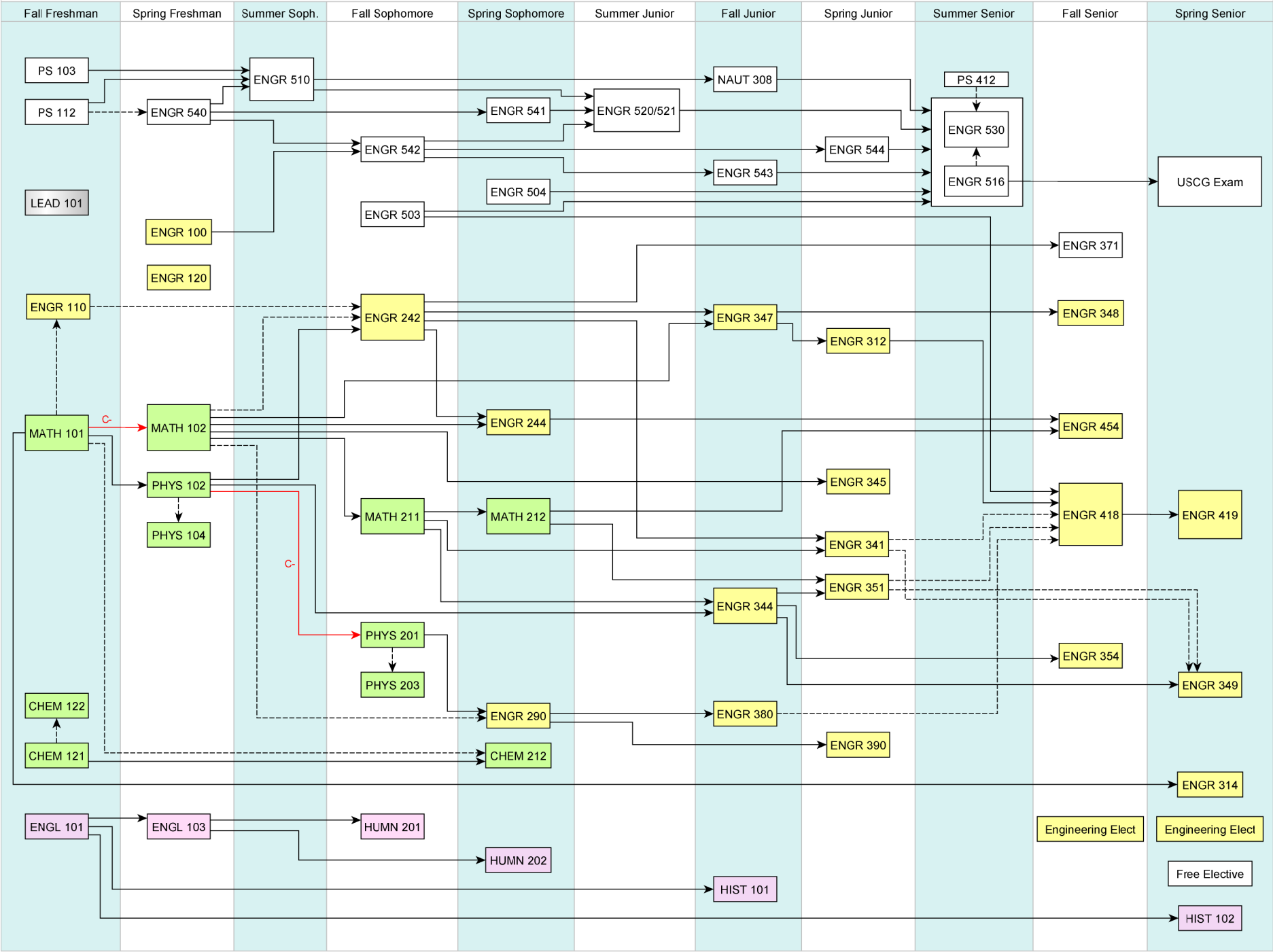
Spring Junior: ENGR 544, ENGR 516, ENGR 371, ENGR 348, ENGR 454, ENGR 418, ENGR 354, ENGR 349, ENGR 314.

Summer Senior: PS 412, ENGR 530, ENGR 516, ENGR 371, ENGR 348, ENGR 454, ENGR 418, ENGR 354, ENGR 349, ENGR 314.

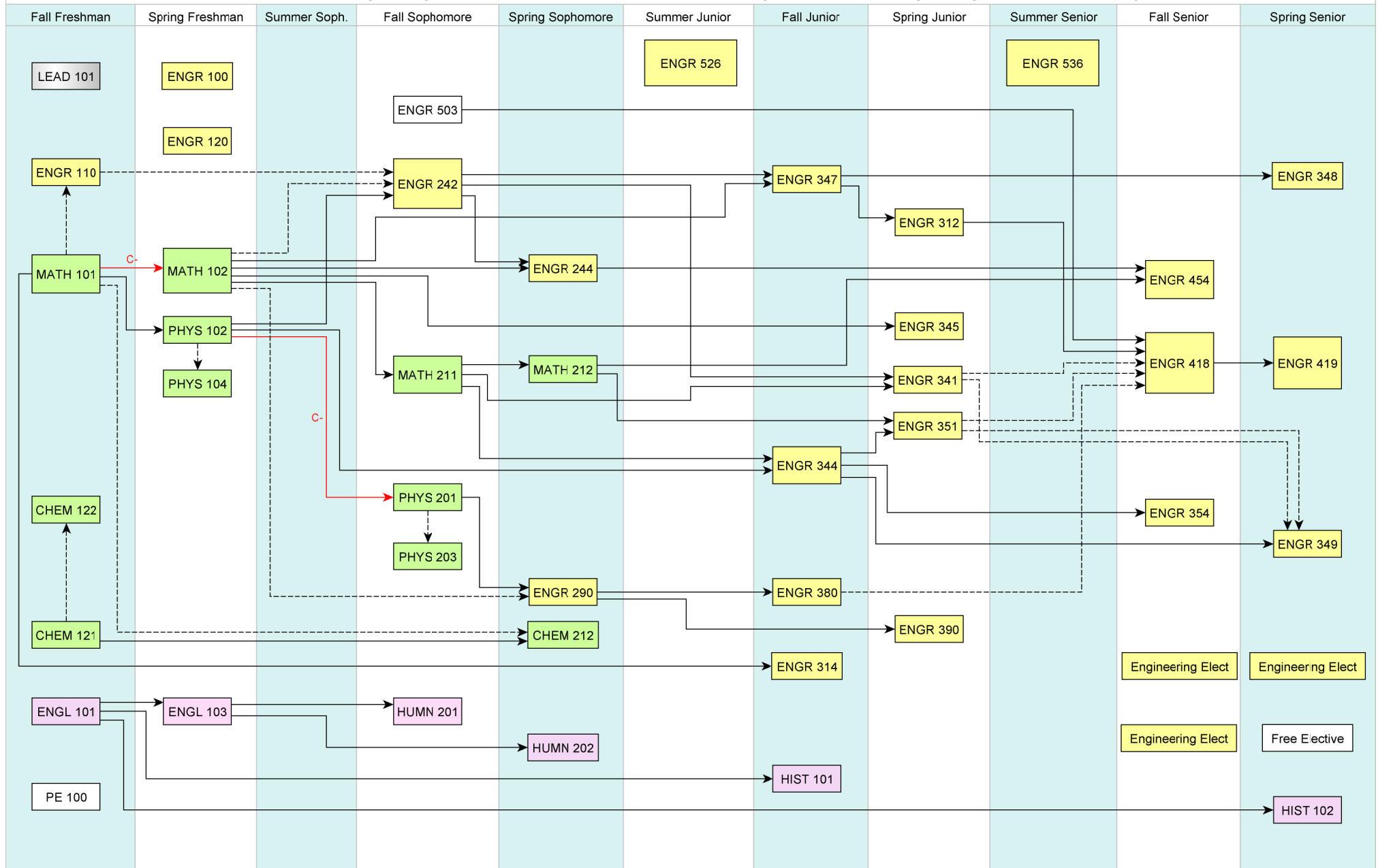
Fall Senior: ENGR 516, ENGR 371, ENGR 348, ENGR 454, ENGR 418, ENGR 354, ENGR 349, ENGR 314, Engineering Elect, Free Elective.

Spring Senior: USCG Exam, ENGR 419, ENGR 349, ENGR 314, Engineering Elect, Free Elective, HIST 101, HIST 102.

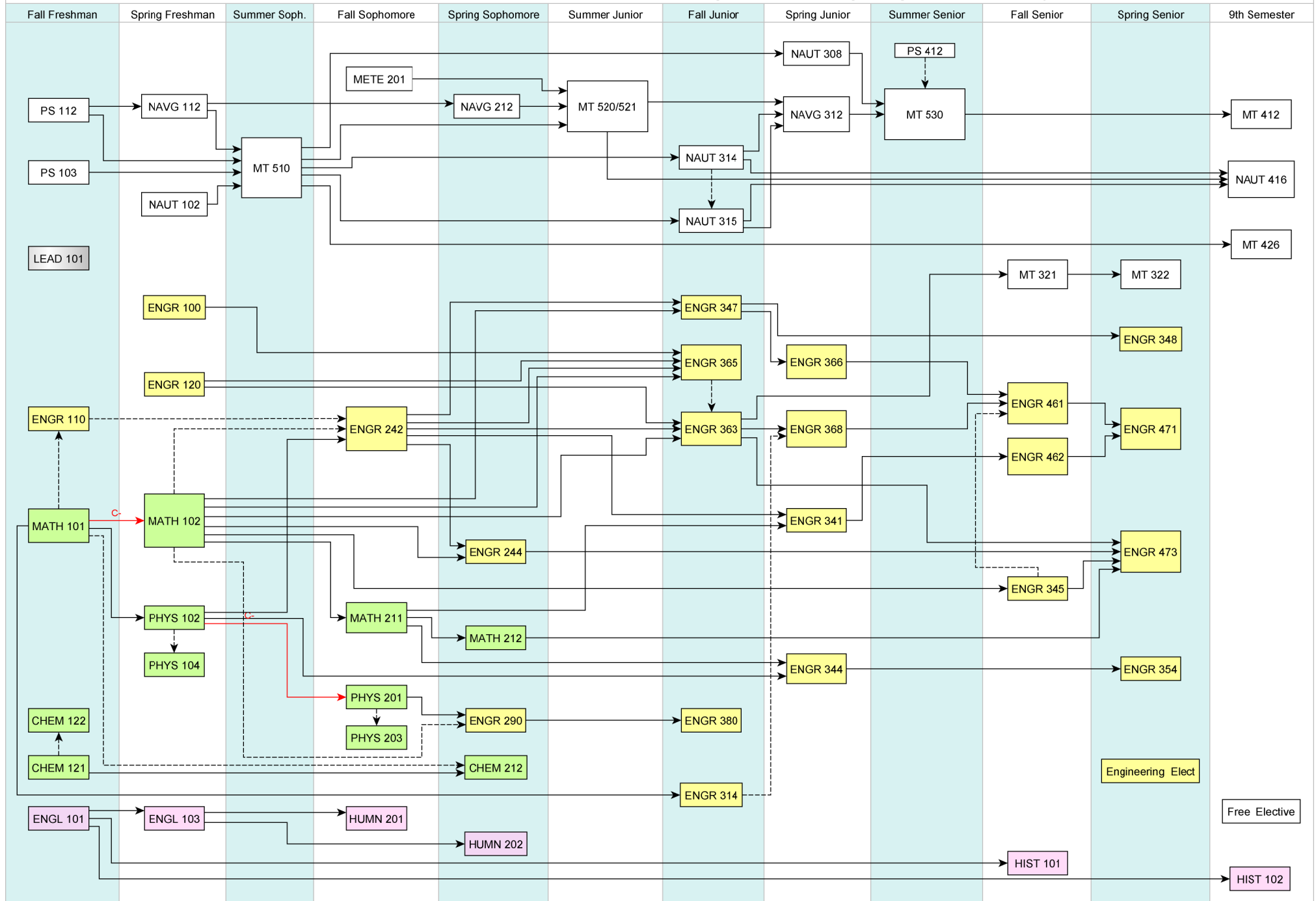
Key features include color-coded boxes for different categories of courses (e.g., white for core engineering, yellow for elective engineering, green for science/math, pink for humanities/social sciences) and arrows indicating the progression and prerequisites between semesters. Some courses are listed as co-requisites (e.g., ENGR 510 and ENGR 540).



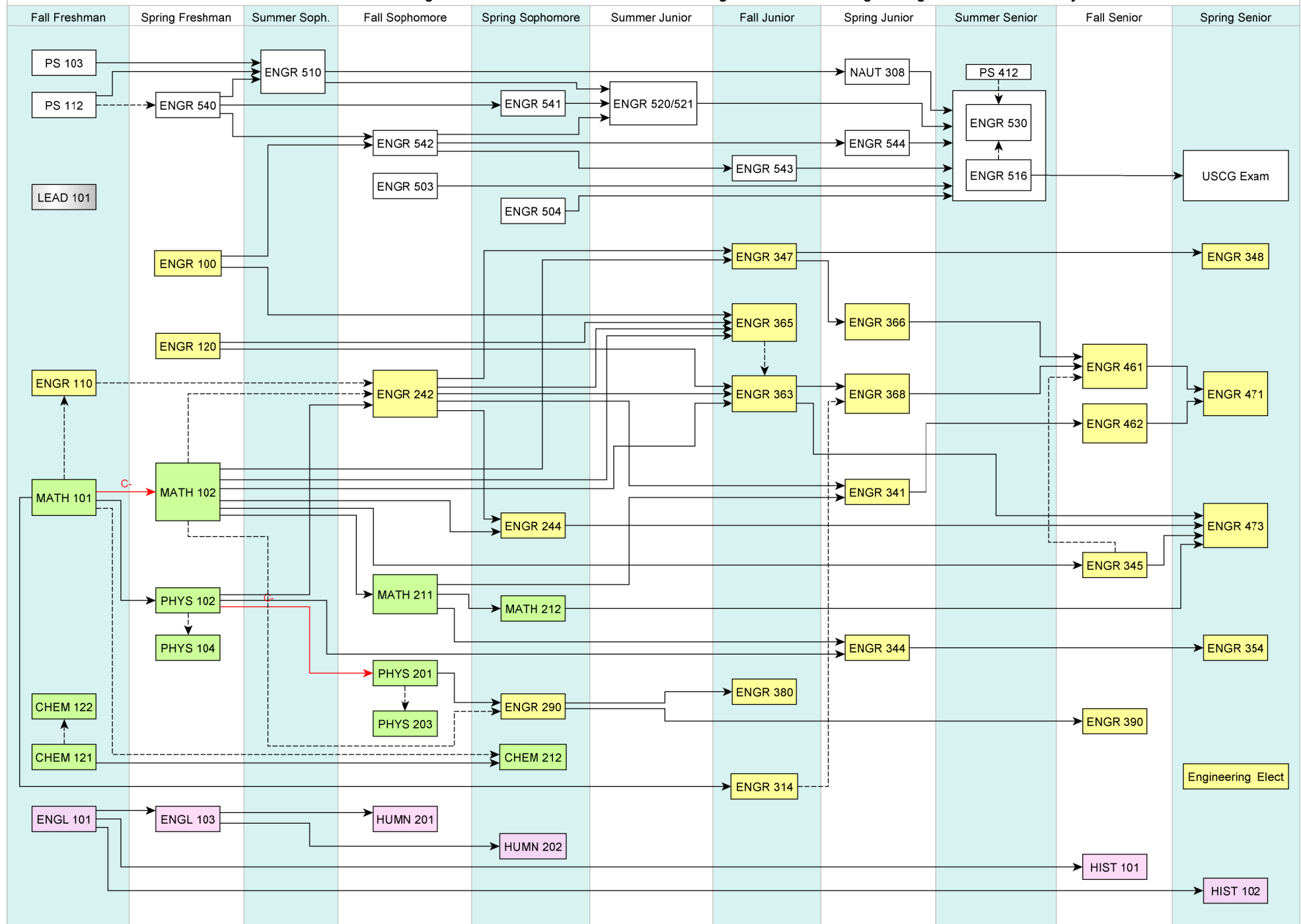
B.E. in Mechanical Engineering with Internship - Flow Chart for students entering SUNY Maritime College during the 2016-17 academic year



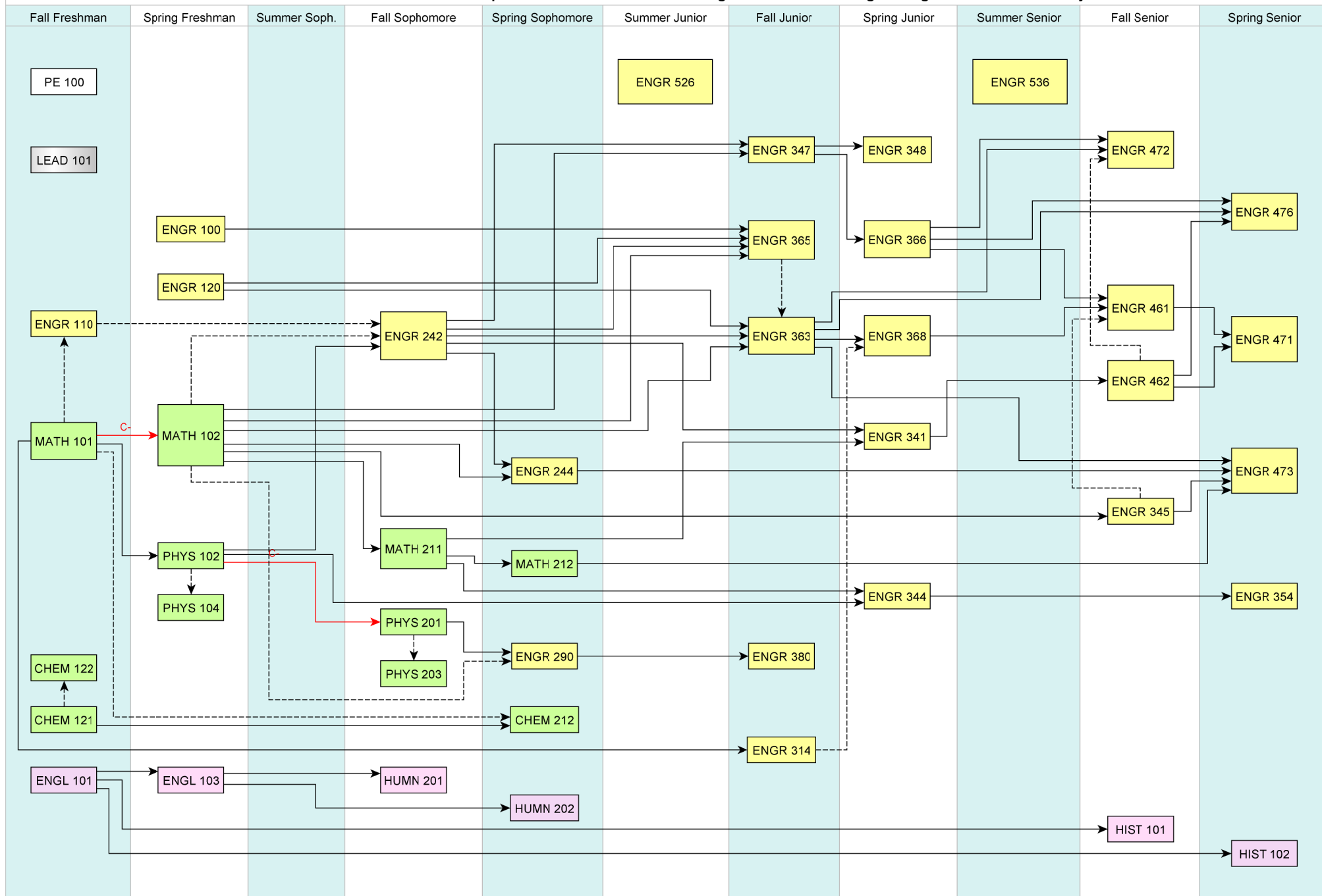
B.E. in Naval Architecture with Deck License - Flow Chart for students entering SUNY Maritime College during the 2016-17 academic year



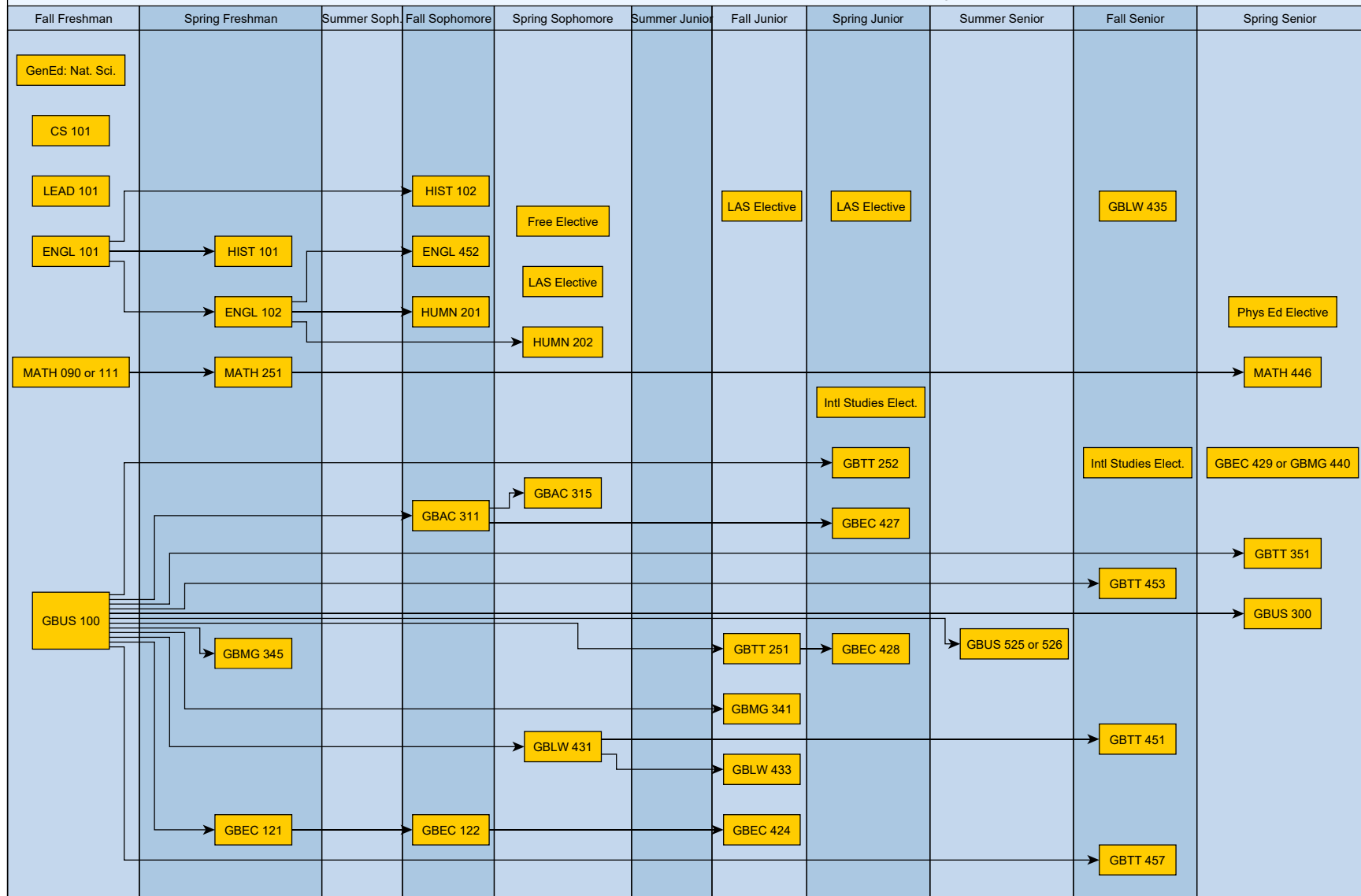
B.E. in Naval Architecture with Engine License - Flow Chart for students entering SUNY Maritime College during the 2016-17 academic year



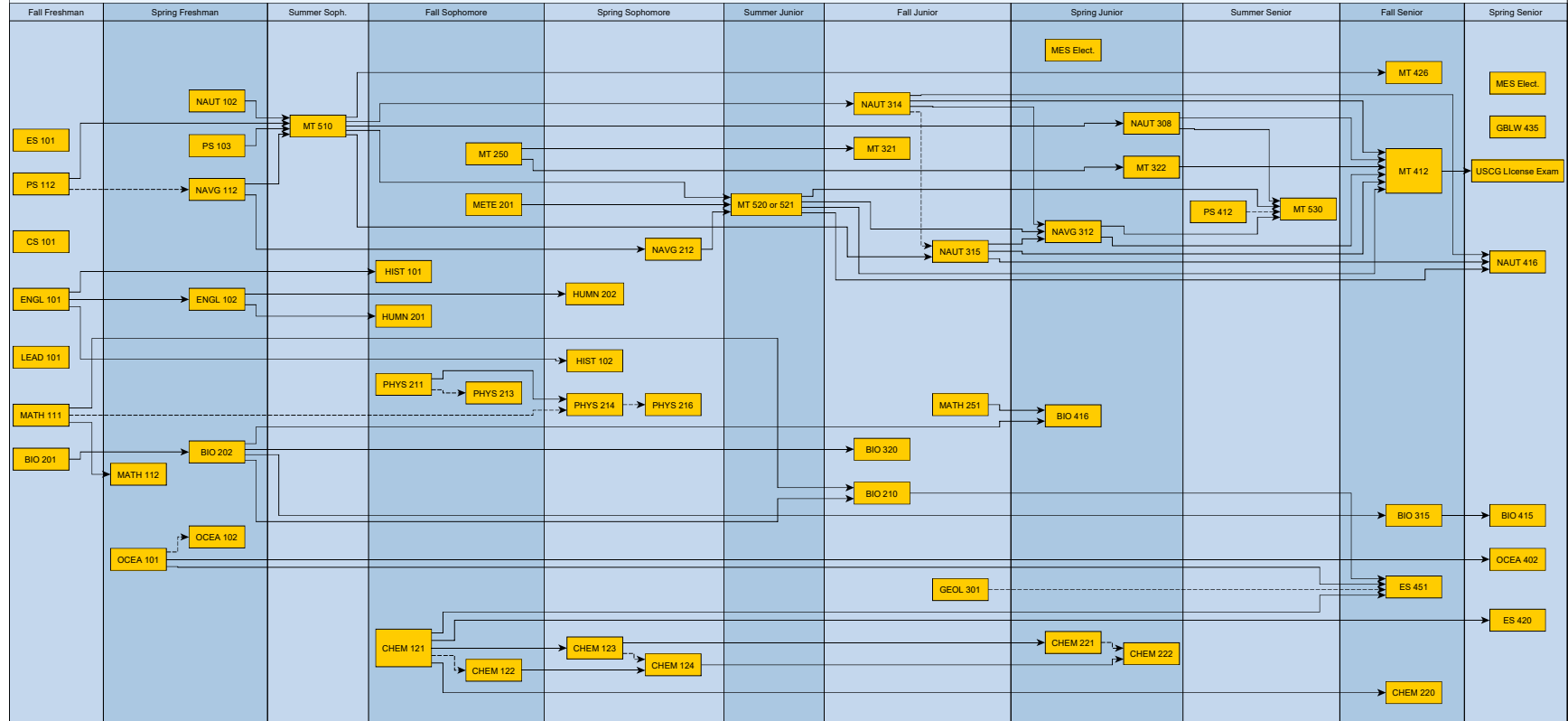
B.E. in Naval Architecture with Internship - Flow Chart for students entering SUNY Maritime College during the 2016-17 academic year



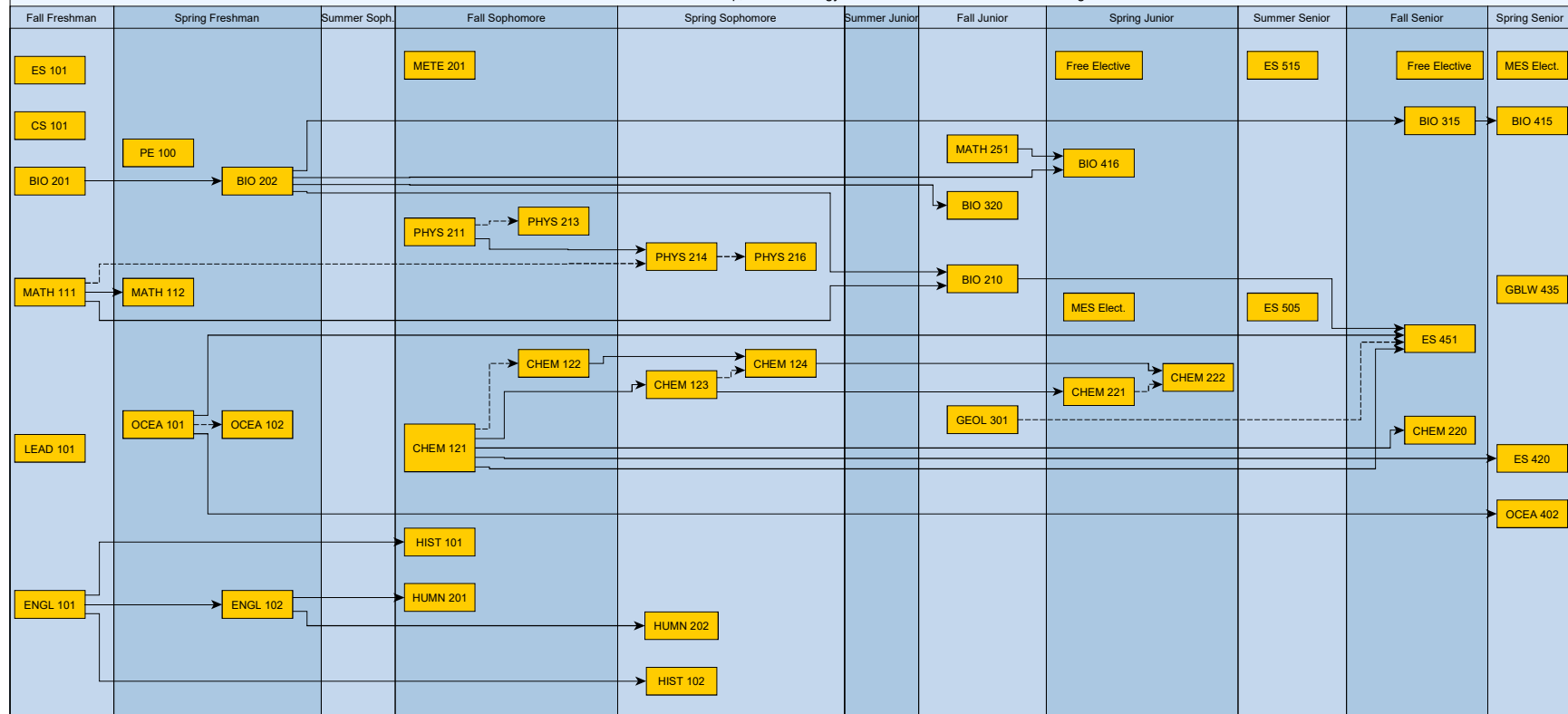
B.S. International Transportation and Trade with Internship Flow Chart for Students Entering in Fall 2016



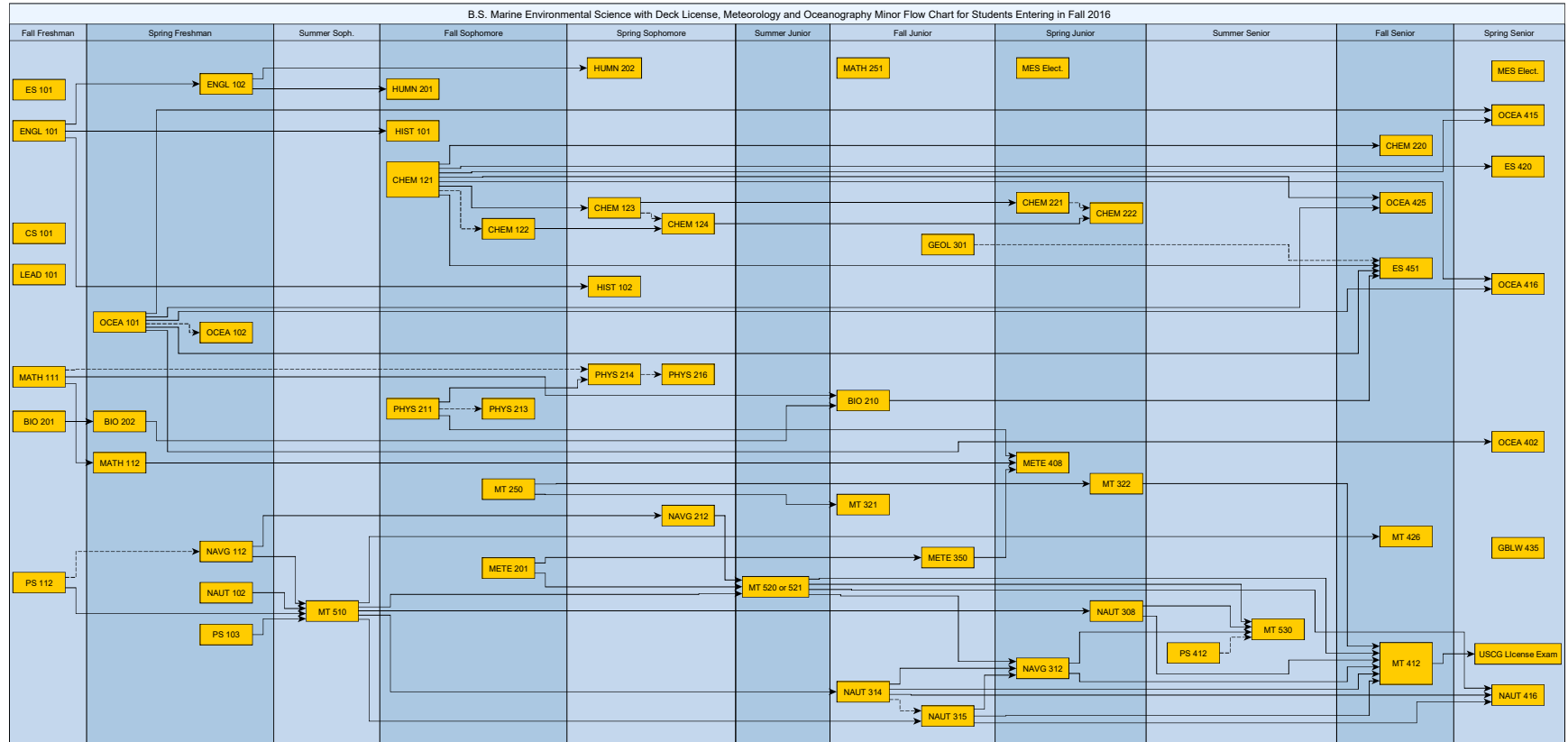
B.S. Marine Environmental Science with Deck License, Marine Biology Minor Flow Chart for Students Entering in Fall 2016

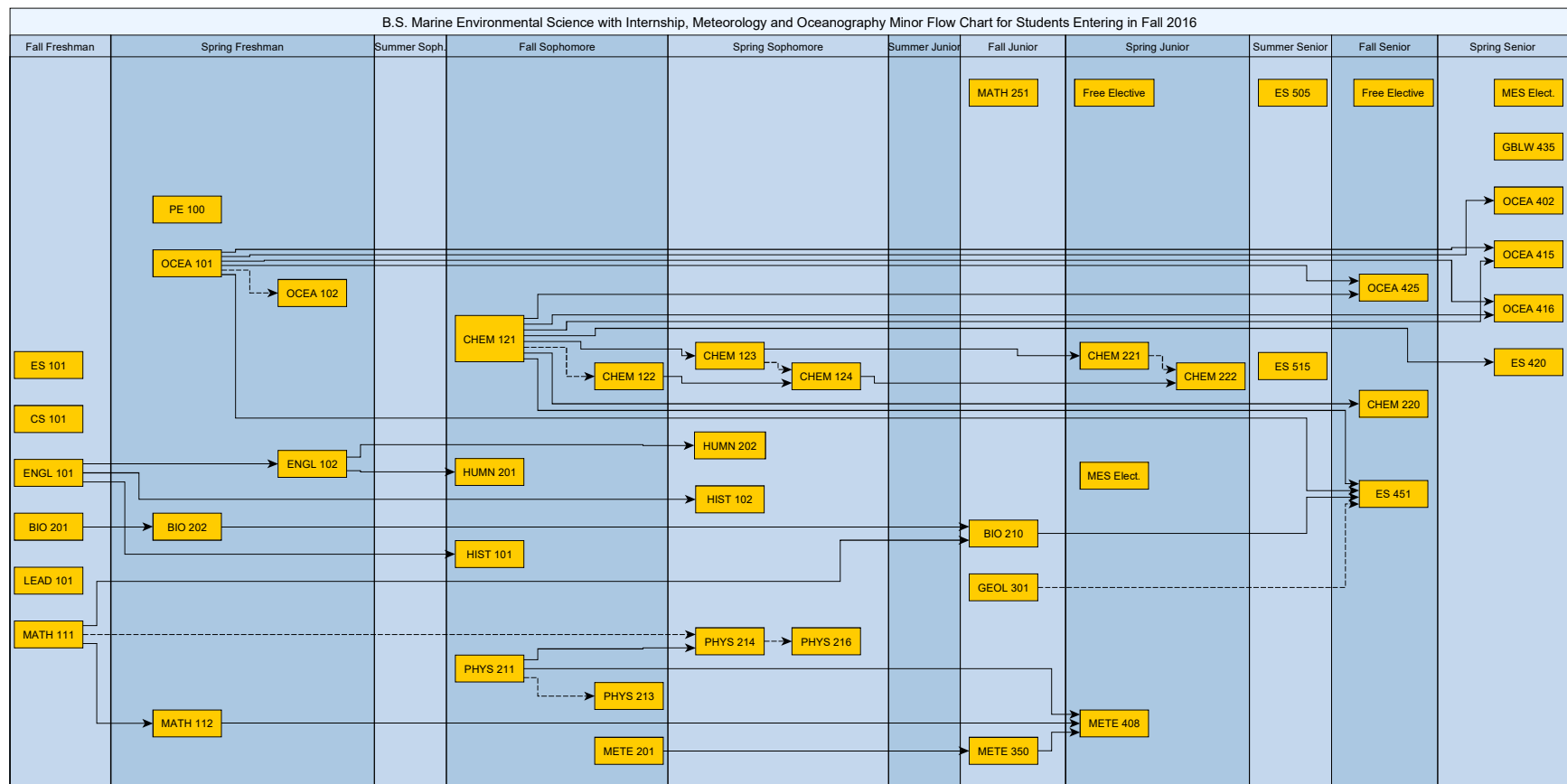


B.S. Marine Environmental Science with Internship, Marine Biology Minor Flow Chart for Students Entering in Fall 2016

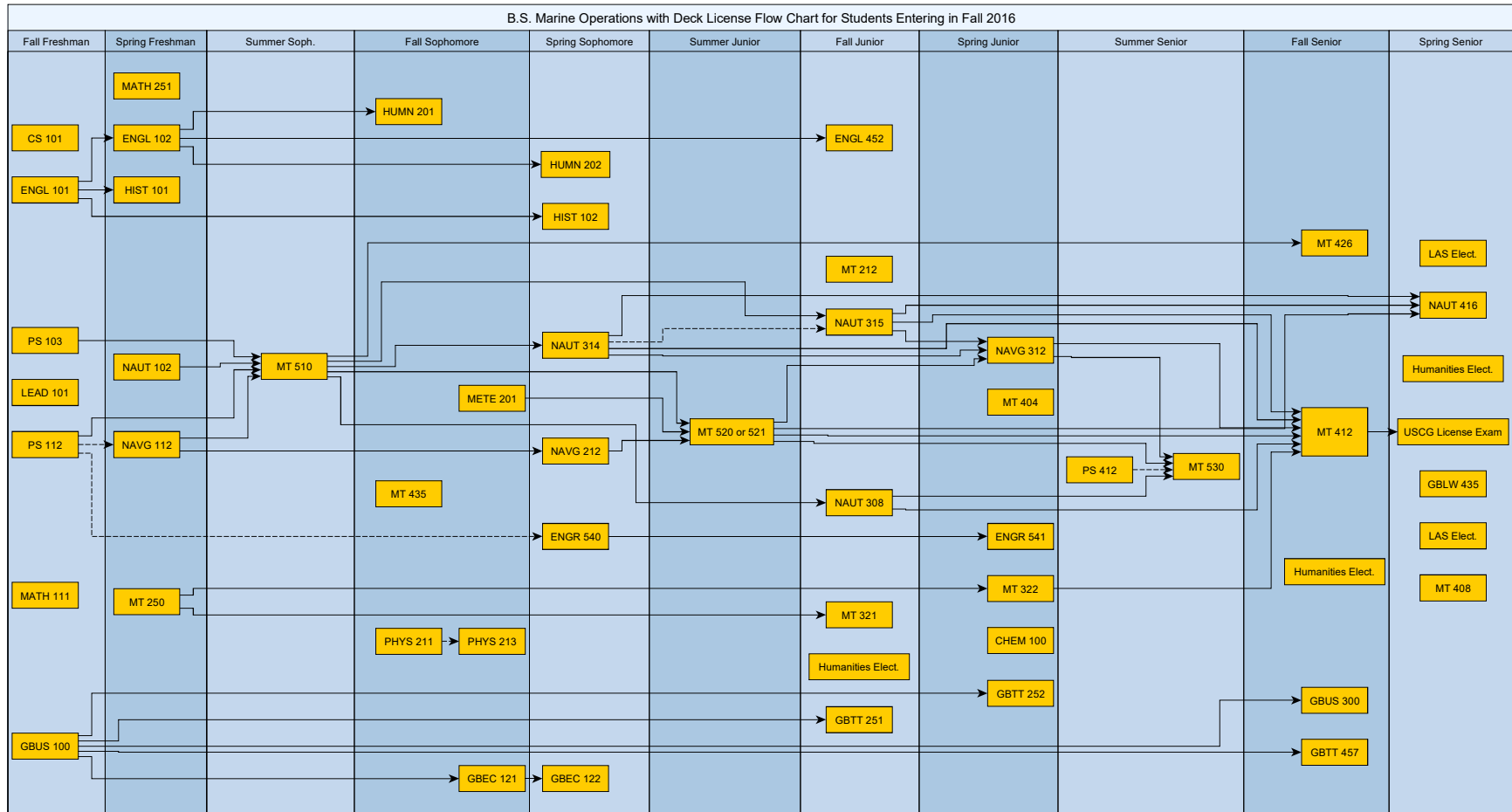


B.S. Marine Environmental Science with Deck License, Meteorology and Oceanography Minor Flow Chart for Students Entering in Fall 2016

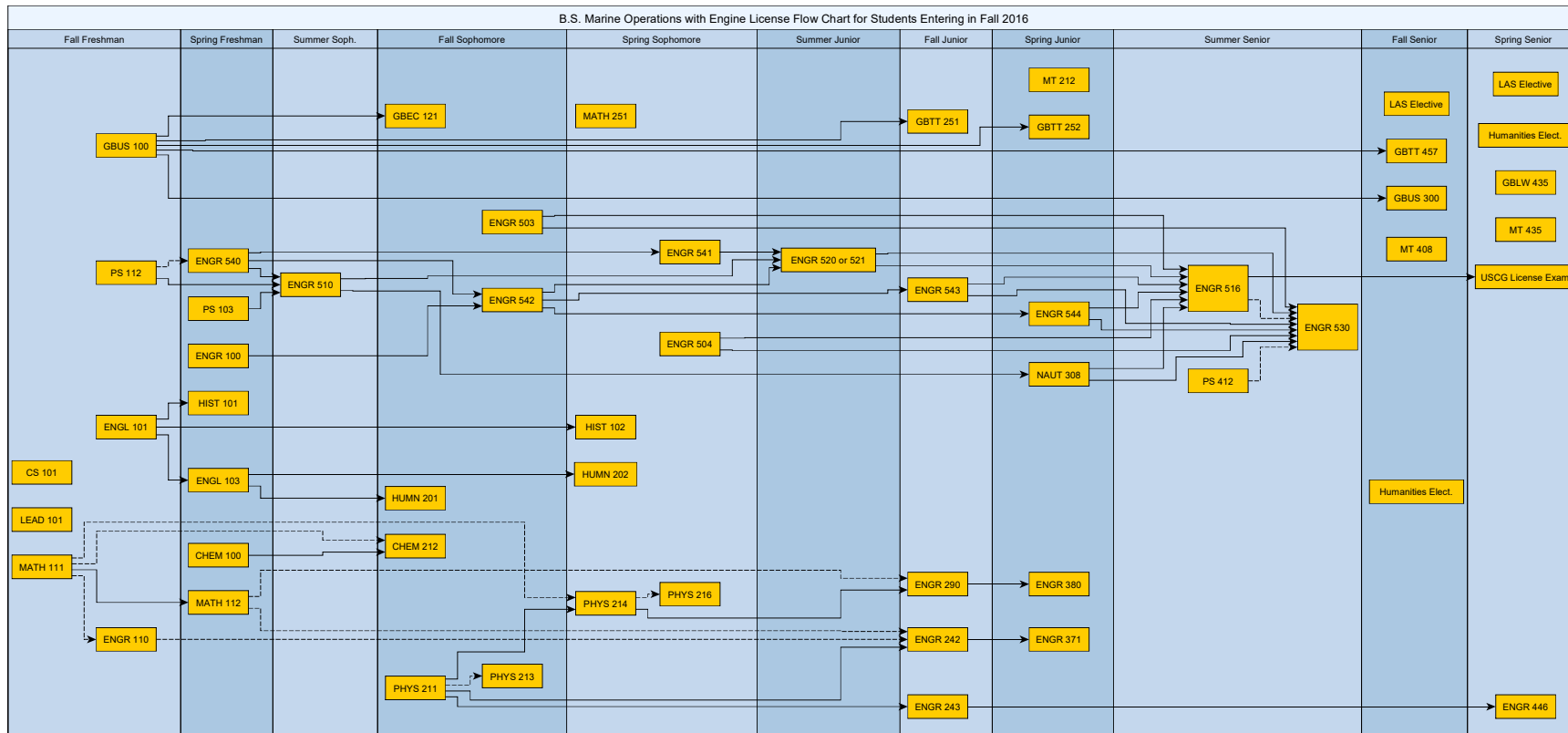




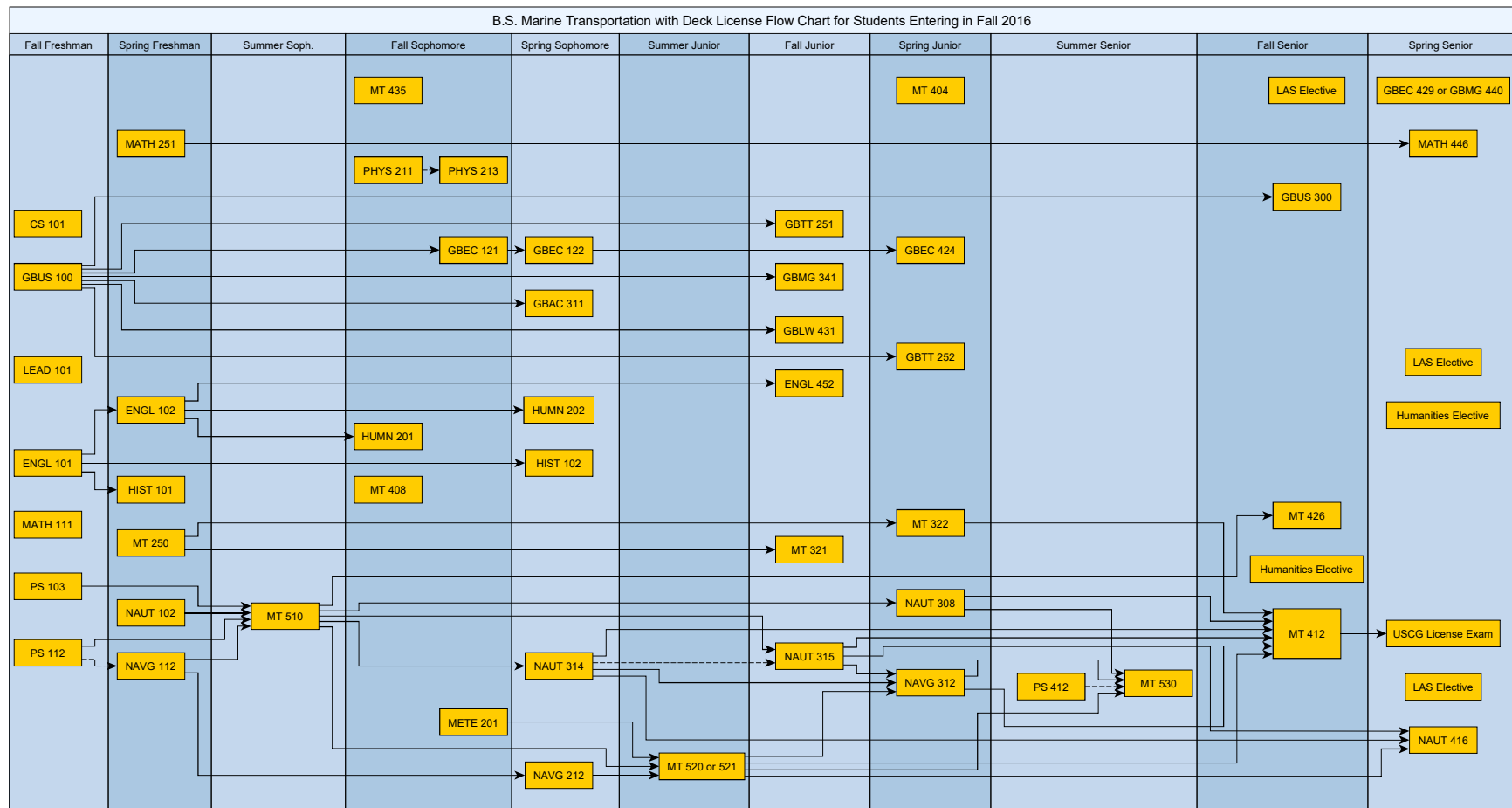
B.S. Marine Operations with Deck License Flow Chart for Students Entering in Fall 2016



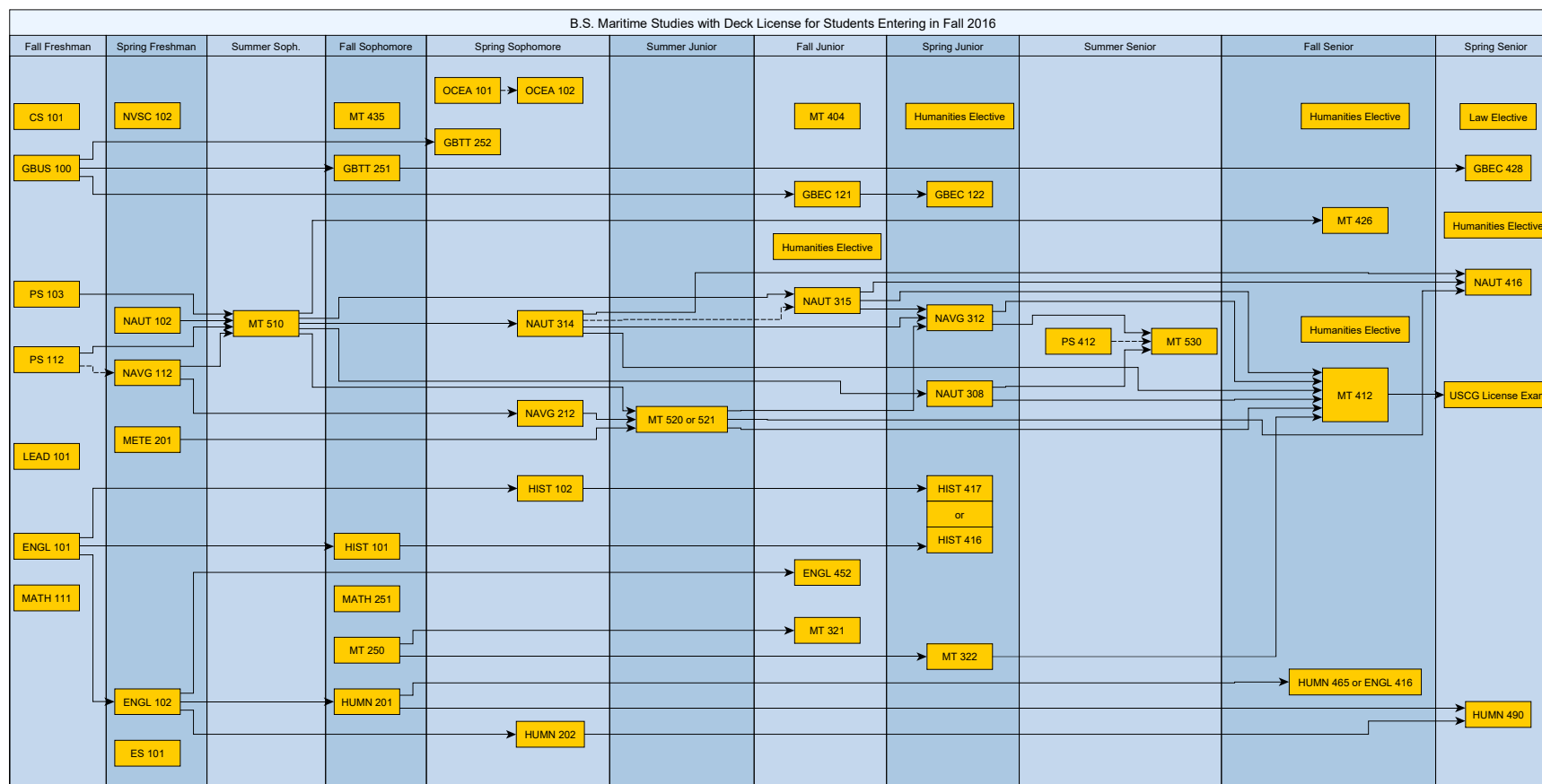
B.S. Marine Operations with Engine License Flow Chart for Students Entering in Fall 2016



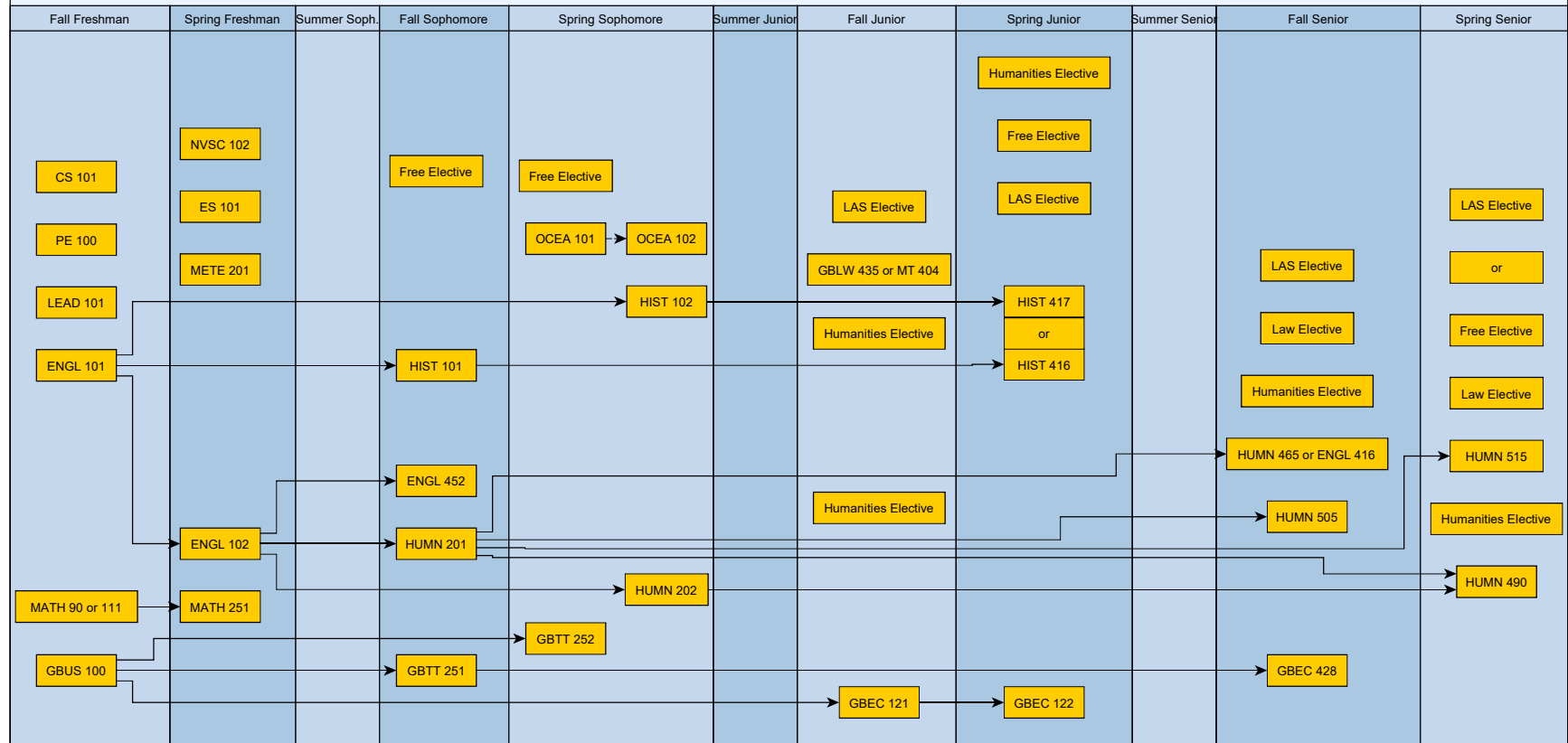
B.S. Marine Transportation with Deck License Flow Chart for Students Entering in Fall 2016



B.S. Maritime Studies with Deck License for Students Entering in Fall 2016



B.S. Maritime Studies with Internship Flow Chart for Students Entering in Fall 2016



A.A.S. Marine Technology: Small Vessel Operations with Asst Engineer Lmt'd Lic. Flow Chart for Students Entering in Fall 2016

