

SOPHOMORE YEAR

	Qtr. Hrs.
Fourth Quarter	
Military Science 6a	2
**Physical Education 1	
Chemistry 21a (Quantitative Analysis)	4
Mathematics 20a (Diff. Calculus)	5
German 1b	5
Physics 3a	6
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Fifth Quarter	
Military Science 6b	2
**Physical Education	
Chemistry 21b	4
Mathematics 20b (Int. Calculus)	5
German 2a	4
Physics 3b	6
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Sixth Quarter	
Military Science 6c	2
**Physical Education	
Chemistry 21c	5
Mathematics 25 or 105 (Dif. Equations)	4
German 2b	4
Physics 3c	6
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JUNIOR YEAR

	Qtr. Hrs.
Seventh Quarter	
Chem. 130a (Organic)	5
Chem. 140a (Physical)	5
*Biological Science	4
†Elective, Humanities	5
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Eighth Quarter	
Chem. 130b (Organic)	5
Chem. 140b (Physical)	5
*Biological Science	4
†Elective, Humanities	5
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Ninth Quarter	
Chem. 130c (Organic)	5
Chem. 140c (Physical)	5
Commerce 1 (Principles of Economics)	5
English 6 (Public Speaking)	3
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SENIOR YEAR

Tenth Quarter		Eleventh Quarter	
Chem. 133a (Qualitative Organic)	5	Chem. 121 (Semimicro Quantitative Anal.)	4
Chem. 160 (Comprehensive Survey of Chem. Mfg. Processes)	3	Chem. 161 (Industrial Chemical Calculations)	4
Chem. 141 (Intermediate Physical)	4	Chem. 110a (Advanced Inorganic)	3
Chem. 181 (Chemical Literature)	1	Chem. 111 (Synthetic Inorganic)	2
†Chem. 188a (Seminar)	0	†Chemistry 188b (Seminar)	1
English 30 (Business Eng.)	3	†Elective, Humanities	5
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	21		19

	Qtr. Hrs.
Twelfth Quarter	
Chem. 120	5
Chem. 110b (Advanced Inorganic)	3
Chem. (elective)	2-4
Electives (Physics or Mathematics)	4
Chem. 188c (Seminar)	1
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	15-17

Minimum quarter hours for degree, 237.

* The Biological Science requirement is to be elected by the student from selected courses in this field with the approval of the Department of Chemistry.

† The electives are to be chosen from courses designated by the Department of Chemistry. A student who is planning on graduate work must select 10 hours of this requirement in French.

‡ Chemistry 188a-c (Undergraduate Seminar). Each senior is required to present a minimum of three reports to the student-faculty group for each quarter hour of credit earned. Attendance at the seminar for two quarters is required before the first quarter hour of credit is earned.

** Students required to take physical education will enroll each quarter until the physical fitness standard is completed.