

<b>GENERAL EDUCATION (37 hrs)</b>		credits	<b>COMMENTS</b>
WRIT 101	Writing I	3	
WRIT 102	Writing II	3	
CHEM 105	General Chemistry I	3	
CHEM 115	General Chemistry Laboratory I	1	
CHEM 106	General Chemistry II	3	
CHEM 116	General Chemistry Laboratory II	1	
PHYS 211	Physics for Science & Engineering I	3	
PHYS 221	Lab Physics for Science & Engineering I	1	
PHYS 212	Physics for Science & Engineering II	3	
PHYS 222	Physics for Science & Engineering II	1	
MATH 261	Unified Calculus & Analytic Geometry I	3	
MATH 262	Unified Calculus & Analytic Geometry II	3	
MATH 263	Unified Calculus & Analytic Geometry III	3	
MATH 264	Unified Calculus & Analytic Geometry IV	3	
MATH 353	Elementary Differential Equations	3	

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**ENGINEERING CORE COURSES (24 hrs)**

CSCI 251	Programming for Engineering and Sciences	3
ENGR 207	Engineering Graphics	1
ENGR 309	Statics	3
ENGR 310	Engineering Analysis I	3
ENGR 313	Introduction to Materials Science	3
ENGR 321	Thermodynamics	3
ENGR 330	Engineering Systems Analysis and Design	3
ENGR 362	Introductory Electric Circuit Theory	3
ENGR 363	Introductory Electric Circuit Laboratory	1
ENGR 400	Leadership and Professionalism in Engineering	1

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**ENGINEERING ELECTIVES (9 hrs)**

		3
2XX		3
3XX		3

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**MILITARY SCIENCE EMPHASIS COURSES (must fulfill at least 33 hrs)**

MSL 101	Foundations of Officership	2
MSL 102	Basic Leadership and Management	2
MSL 103	Foundations Officership & Basic Leader	3
MSL 200	Intro to Military Science and Leadership	4
MSL 201	Individual Leadership Studies	3
MSL 202	Leadership and Teamwork	3
MSL 203	Ranger Challenge	3
MSL 301	Leadership and Problem Solving	4
MSL 302	Leadership and Ethics	4
MSL 340	American Military Experience	3
MSL 399	Research Seminar in Military Sci & Leadership	1 to 3
MSL 401	Leadership and Management	4
MSL 402	Officership	4
ISS 125	Introduction to Intelligence Studies	3

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**SS/H/FA COURSES (24 hrs)**

Soc Science		3
Soc Science		3
Humanities		3
Fine Arts		3
Hum/FA		3
SS/H/FA		3
SS/H/FA/Gen Ed		3
SS/H/FA/Gen Ed		3

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TOTAL HOURS=

127