

DUAL DEGREE
CHEMISTRY/ENGINEERING
(SEE YOUR DEPARTMENT FOR SPECIFIC ADVISORY INFORMATION)
CHECK LIST

NAME _____ ID _____ DATE _____

GENERAL EDUCATION REQUIREMENTS

GROUP I - 15 HOURS / 5 COURSES

- A. ENGLISH 101 (HONR 111) (C or Better) 3__
 ENGLISH 102 (C or Better) 3__
 LITERATURE 3__
- B. ART, COMMUNICATION & THEATRE ARTS,
 DANCE, MODERN LANGUAGES, MUSIC OR
 PHILOSOPHY, HONR 211 (6 HOURS FROM TWO
 DIFFERENT DEPARTMENTS)

_____ 3__
 _____ 3__

GROUP II - 15 HOURS / 5 COURSES

- A. HISTORY 101 3__
 HISTORY 102 3__
- B. ANTH., ECON., ENVR 150, HISTORY, **HUMAN**
 GEOG., POL. SCIENCE, PSYCH., OR
 SOCIO./CADR, HONR 112 (9 HOURS FROM
THREE DIFFERENT DEPARTMENTS)

ECON 211 OR 212 3__
 _____ 3__
 _____ 3__

GROUP III - 12 HOURS

SATISFIED BY MAJOR _____ X

GROUP IV - 3 HOURS / 1 COURSE

- PHEC 106 3__
ELECTIVES
- _____ 3__
 _____ 3__
 _____ 3__
 _____ 3__

CHEMISTRY REQUIREMENTS - 26 HOURS

- CHEM 121 GENERAL CHEMISTRY I 4__
 CHEM 122 GENERAL CHEMISTRY II 4__
 CHEM 221 ORGANIC CHEMISTRY I 4__
 CHEM 222 ORGANIC CHEMISTRY II 4__
 CHEM 321 ANALYTICAL CHEMISTRY 4__
 CHEM 341 PHYSICAL CHEMISTRY I 3__
 CHEM 342 PHYSICAL CHEMISTRY II 3__

MATHEMATICAL REQUIREMENTS - 20 HOURS

- COSC 120 COMPUTER PROGRAMMING 4__
 MATH 201 CALCULUS I 4__
 MATH 202 CALCULUS II 4__
 MATH 310 CALCULUS III 4__
 MATH 311 DIFF EQUATIONS I 4__

PHYSICS REQUIREMENTS - 13 HOURS

- PHYS 221 PHYSICS I 4__
 PHYS 223 PHYSICS II 4__
 PHYS 313 INTRO TO MOD PHYSICS 3__

ENGINEERING REQUIREMENTS - 6 HOURS

- ENGR 110 STATICS 3__
 ENGR 221 DYNAMICS 3__

ENGINEERING/SCIENCE AT UMD, ODU OR WIDENER
30 HOURS

CHEMISTRY MAJORS MUST HAVE AT LEAST A "C" AVERAGE IN THE MATH AND SCIENCE COURSES REQUIRED BY THE MAJOR.

TRANSFER STUDENTS MAJORING IN CHEMISTRY ARE REQUIRED TO COMPLETE AT LEAST 15 HOURS IN CHEMISTRY AT SALISBURY UNIVERSITY.

ALL STUDENTS MUST COMPLETE A MINIMUM OF THIRTY CREDIT HOURS AT THE 300/400 LEVEL WITH GRADES OF "C" OR BETTER; TRANSFER STUDENTS MUST COMPLETE AT LEAST 15 HOURS OF THESE 30 HOURS AT SALISBURY UNIVERSITY.

CURRICULUM GUIDE
DUAL DEGREE/CHEMISTRY

Freshman Year

CHEM 121	General Chemistry I	4	CHEM 122	General Chemistry II	4
ENGL 101	Composition	3	ENGL 102	Literature	3
HIST 101	World Civilizations	3	HIST 102	World Civilizations	3
MATH 201	Calculus I	4	MATH 202	Calculus II	4
	Group II-B Elective	<u>3</u>		Group I-B Elective	<u>3</u>
		17			17

Sophomore Year

CHEM 221	Organic Chemistry I	4	CHEM 222	Organic Chemistry II	4
PHYS 221	Physics I	4	PHYS 223	Physics II	4
COSC 120	Computer Programming I	4	MATH 311	Differential Equations I	4
MATH 310	Calculus III	<u>4</u>		Literature Elective	<u>3</u>
		16			15

Junior Year

CHEM 321	Analytical Chemistry	4	CHEM 342	Physical Chemistry II	3
CHEM 341	Physical Chemistry I	3		Group II-B Elective	3
	Group I-B Elective	3	ENGR 221	Dynamics	3
ECON 211 OR ECON 212	Macro-Econ Principles	3	PHEC 106	Personalized Fitness	3
ENGR 110	Statics	<u>3</u>	PHYS 313	Intro of Modern Physics	<u>3</u>
		16			15

Senior Year

The students must complete a minimum of 30 semester hours in Engineering or Science courses at the receiving institution.

