

POLYMER SCIENCE

JCJC CURRICULUM SHEET

The sample program of study below follows those courses specified by USM. Graduates of the Polymer Science program are prepared to enter the industrial community or to continue studies at the graduate level.

Polymer Science constitutes an interdisciplinary program of study and, therefore, no minor is required. Notice that the sample curriculum contains more than the allowable number of hours (65 hours) for transfer. The student should plan each semester's schedule at JCJC with an advisor to ensure that there will not be any credit lost and that core courses may be completed at USM.

FRESHMAN YEAR

ENGLISH COMPOSITION (6 HRS)

ENG 1113 English Comp. I 3
ENG 1123 English Comp. II 3

HISTORY (6 HRS)

HIS 1113 Western Civ. I 3
HIS 1123 Western Civ. II 3

SOCIAL SCIENCE (Select 9 HRS)

PSY 1513 General Psychology 3
SOC 2113 Sociology 3
PSC 1113 Am. Nat. Government **or** 3
GEO 1123 Geography 3

MATH (5-11 HRS)

MAT 1313 College Algebra 3
MAT 1323 Trigonometry 3
MAT 1815 Calculus I* 5

**Required*

PHYSICAL LAB SCIENCE (8 HRS)

CHE 1214 General Chemistry I 4
CHE 1224 General Chemistry II 4

FINE ARTS (3 HRS)

ART 1113 Art Appreciation **or**
MUS 1113 Music Appreciation 3

SOPHOMORE YEAR

LITERATURE (3 HRS)

ENG 2413 World Literature 3
ENG 2323 English Lit. Elect. 3

MATH (5 HRS)

MAT 1825 Calculus II 5

COMPUTER SCIENCE (3-6 HRS)

CSC 1613 Computer Programming I 3
CSC 1113 Computer Concepts 3

PHYSICAL LAB SCIENCE (18 HRS)

CHE 2424 Organic Chemistry I 4
CHE 2434 Organic Chemistry II 4
PHY 2515 Physics IA 5
PHY 2525 Physics IIA 5

SPEECH (3 HRS)

SPT 1113 Speech 3

HEALTH (3 HRS)

HPR 1213 Health 3

FINE ARTS (3 HRS)

ART 1113 Art Appreciation **or**
MUS 1113 Music Appreciation 3

6/06

POLYMER SCIENCE -- NOTES:

Students with a strong high school background in math, including introduction to calculus, and a high math subtest score on the ACT may begin with Calculus I.

Those students without a strong background in computers may need to enroll first in Computer Concepts before enrolling in Computer Programming I.

Students should plan to complete no more than half of the hours required for a bachelor's degree prior to transferring to the senior institution, which would be a maximum of 65 semester hours from JCJC. The student should consult the USM catalog for specific admissions procedures and other details concerning the program of study and should select no more than the maximum hours permitted for transfer from the sample curriculum.

This CHECK SHEET should be used to keep a careful record of grades for each of the courses and should be presented to the student's advisor for planning the schedule of courses each semester at JCJC.

