

IT IS IMPORTANT TO SEE AN M.C.C. COUNSELOR EACH SEMESTER FOR ACADEMIC ADVISING. TO SCHEDULE AN APPOINTMENT CALL (231) 777-0362.

Muskegon Community College Curriculum Guide

Curriculum: NATURAL RESOURCES MANAGEMENT - GRAND VALLEY STATE UNIVERSITY

Curriculum Code: G21B

The following courses will fulfill requirements for the Associate in Science and Arts Degree. It is designed for students who plan to transfer to G.V.S.U. and major in Natural Resources Management after completing the A.S.A. degree at M.C.C.

REQUIRED FOUNDATIONAL SKILLS – You must demonstrate a minimum level of achievement, either by successful testing or satisfactory course completion (a grade of “C” or better) in four areas:	
1. Writing	English 085, 089, 091 or 114
2. Reading	Reading 040A or 040C
3. Math	Mathematics 050 or 107 (or complete higher level course)
4. Computers	CIS 100 or any other CIS course (Consult a counselor regarding transferability. CIS 110 or 120A are strongly recommended.)

English, Reading and Mathematics Placement Tests may be required and are available in Testing Services, located in Room 134 – 777-0394. English and Reading placement tests may be waived if you show documentation of a proficiency level 1 or 2 on the high school MEAP or MME writing and reading tests or if you have an ACT composite score of 22 or greater. The Mathematics placement test may be waived if you show documentation of a score of 28 or above on the ACT Math test.

<u>GENERAL EDUCATION</u>	<u>MINIMUM CREDITS</u>
<u>COMMUNICATION</u> English 101 and 102 English Composition	6
<u>SCIENCE/MATH</u> Biology 104Lec & 104A <u>or</u> 100 (10B,C,D,E) <u>or</u> (10B,C,D,H) <u>or</u> (10B,C,D,J) Introductory Biology (Biology 100 modules are no longer being offered.) Geology 101A Introduction to Physical Geology	4 4
<u>THE HUMAN EXPERIENCE</u> <u>AESTHETIC VALUES</u> Art 104, 105B (was 105), 107, 108, 109, 204B (was 204), 205, 207, 208, 209, 211 Dance 100, 101, 102, 106, 200, 201, 206, 213, 218 English 208 (or Communications 203), 223 Music – any 100 level or above course Theater 101, 102, 108, 120, 141, 142, 144, 145, 147, 148, 160, 201, 202, 203, 210, 212, 217, 260	3
<u>ETHICS AND LOGIC</u> Philosophy 101, 102, 104, 202, 204, 205, 207	3
<u>SOCIAL RELATIONSHIPS</u> Economics 101, 102, 130 Psychology 102, 201, 202, 203, 205A, 207, 208, 210 (same as Sociology 210) Sociology 101, 102, 202, 203, 206, 210 (same as Psychology 210) Women’s Studies 101	3

HUMAN CULTURES**WESTERN WORLD**

Art 198, 199, 202
 English 200, 201, 204, 205, 206, 210, 213, 225, 226, 227, 228
 History 101, *102, 204
 Humanities 195
 Music 103
 Political Science 203
 Theater 201

3

AMERICAN

History 201, 202, 207, 211
 Political Science 111, 205

3

INTERNATIONAL

If the credit hours from AMERICAN CULTURES and SOCIAL RELATIONSHIPS total less than 8 credits, the choices are:

Anthropology 103, 110
 Geography 104 (was 102A, 102C), 105
 History 195
 Political Science 202, 211

If the credit hours from AMERICAN CULTURES and SOCIAL RELATIONSHIPS total 8 credits or more, then other options are:

English 207, 211, 218
 French 101, 102, 201, 202
 German 101, 102, 201, 202
 History *210
 Philosophy 203, 210
 Spanish 101, 102, 201, 202

3

PHYSICAL EDUCATION

Choose one from PEA 101A, 103, 104A, 118, or 201 **and** one PEA or DNC credit hour of choice.

2

CHOOSE FROM THE FOLLOWING FOR A TOTAL OF 62 CREDITS**ADDITIONAL G.V.S.U. GENERAL EDUCATION REQUIREMENTS**

Choose one course from the following if not taken to fulfill a general education requirement:
 Anthropology 110; English 211; Foreign Language 202; Geography 105; Philosophy 210;
 Political Science 211

0-4

Choose one course from the following if not taken to fulfill a general education requirement:
 Anthropology 103; Sociology 102, 202

0-3

MAJOR RELATED COURSES

Mathematics 109 or 111 College Algebra (if Mathematics 112 will be taken)

4

Chemistry 100Lec & 100A Fundamentals of Chemistry, Lec & Lab

5

or

!!! Chemistry 101Lec & 101A General & Inorganic, Lec & Lab (if advanced Chemistry is elected)
or (required for Environmental Science emphasis)

5

Chemistry 109Lec & 109A Chemistry for Health Science, Lec & Lab

5

Biology 103Lec & 103A or 100 (10A,F,G,H) or (10 A,E,F,G) Introductory Biology

4

(Biology 100 modules are no longer being offered.)

Mathematics 115 Probability & Statistics

3

or

Business 105 Business Statistics

3

Philosophy 207 Environmental Ethics (optional for Environmental Science emphasis)

3

Choose up to 13 credits from the following (other options are available at G.V.S.U. – consult the catalog):

Chemistry 102Lec & 102A (req. for Environmental Science); Geography 231 (req. for Environmental Science and Resource Information Science); Geology 102; Mathematics 112, 151, 161, 162; CIS 110 or 120A (req. for Resource Information Science)

!!! Chemistry Placement Test is required prior to taking Chemistry 101Lec & 101A.

MINIMUM CREDITS

COGNATE REQUIREMENTS

B.S. – Two additional courses at G.V.S.U.

ELECTIVE(S)

variable

TOTAL 62

NOTES:

*G.V.S.U. awards the same equivalency credit for M.C.C.'s History 102 and 210. Students are advised not to take both courses at M.C.C. if they wish to transfer to G.V.S.U.

Transfer students are required to have a minimum transfer GPA of 2.5.

Students should check the M.C.C. catalog for course prerequisites.

It is recommended that Natural Resources Management majors become familiar with the Natural Resources Management section in the G.V.S.U. catalog; copies are available in Room 1106 in the Stevenson Center for Higher Education.