

Name _____
 Mustangs ID# _____

MIDWESTERN STATE UNIVERSITY
 Catalog: 2020-2021
 Date _____

**CHEMISTRY PROGRAM
 DEGREE PLAN - CHEMISTRY MAJOR - Option C**

MINOR: _____

Expected Graduation Date: _____

Writing Proficiency Exam (Date) _____

If transfer work has been accepted, indicate next to course & identify college or university

* _____ § _____ # _____

Upon successful completion, place course grade in blank.

List Electives and/or Minor on back

I. Core Requirements

010 Communication - 6 hours

**040 Language, Philosophy
 & Culture - 3 hours**

050 Creative Arts - 3 hours

060 American History - 6 hours

HIST 1133 _____

HIST 1233 _____

070 Government/Political Science 6 hrs

POLS 1333 _____

POLS 1433 _____

080 Social & Behavioral Sciences 3 hrs

090a Cultural & Global Understanding 3 hrs

090b Undergraduate Inquiry & Creativity - 3 hrs

III. Program Requirements

MATH 1233 _____ BIOL 1114 _____

MATH 1433 _____ BIOL 1214 _____

or MATH 1534 _____ BIOL 2114 _____

MATH 1634 _____

MATH 1734 _____

STAT 3573 _____

PHYS 1624 _____

PHYS 2644 _____

**12 hrs advanced Biology
 talk to advisor**

II. Option C

CHEM 1141 _____ ***2 hrs required**

CHEM 1143 _____ ***CHEM 4001**

CHEM 1241 _____ ***CHEM 4001**

CHEM 1243 _____

CHEM 2001 _____

CHEM 2003 _____

CHEM 2011 _____

CHEM 2013 _____

CHEM 4243 _____

CHEM 4242 _____

CHEM 4253 _____

**2 Classes from the
 following Chemistry List**

CHEM 3305 _____

CHEM 3405 _____

CHEM 3603 _____

CHEM 3705 _____

CHEM 4133 _____

CHEM 4305 _____

Total Hours _____

Total Adv. Hours _____

Total Transfer Hours _____

TOTAL HOURS MUST BE minimum 120
 (Developmental Courses Excluded)

TOTAL ADVANCED HOURS MUST BE minimum 33.

Student - I understand that this degree plan does not supersede catalog requirements for which I am fully responsible.

Advisor _____ Date _____

Chair Major - _____ Date _____

Chair - Minor _____ Date _____

2017-2018 APPROVE CORE CURRICULUM

ADDITIONAL CLASSES WILL BE ADDED ONCE APPROVED BY T.H.E.C.

010 Communication

6 hrs

Choose one class from:

ENGL 1103 (or SPCH 1103) Intro to Communication
ENGL 1123 Rhetoric & Composition
SPCH 1143 Academic Research and Writing

Choose one class from:

ENGL 1153 Intro to Reading and Writing in Literature
ENGL 2123 Rhetoric of Visuals and Infographics
ENGL 2203 Introduction to Professional Writing
MCOM 1243 Media Writing and Reporting
MCOM 2403 Social Media
SPCH 1133 Fundamentals of Speech Communication
SPCH 2423 Interpersonal Communication

040 Language, Philosophy & Culture

3 hrs

ENGL 2413 World Literature
ENGL 2423 World Literature
ENGL 2613 Survey of American Literature
ENGL 2623 Survey of American Literature
ENGL 2813 Survey of English Literature
ENGL 2823 Survey of English Literature
FREN 1134 Elementary French
GERM 1134 Elementary German
HIST 1333 Survey of Western Civilization
HIST 1433 Survey of Western Civilization
HUMN 2013 Humanities: The Ancient World
HUMN 2023 Humanities: Medieval Cultures
HUMN 2033 Humanities: Renaissance to Realism
HUMN 2043 Humanities: Mid-19th-20th Centuries
PHIL 1033 Introduction to Philosophy
PHIL 2033 Ethics
PHIL 2133 Political Philosophy
PHIL 2213 Asian Philosophy and Religion
PHIL 2223 Feminist Philosophy
PHIL 2333 Philosophy of Religion
SPAN 1134 Elementary Spanish I

050 Creative Arts

3 hrs

ART 1413 Art Appreciation
MCOM 2213 Appreciation of Film
MUSC 1033 Music Appreciation
MUSC 2733 Intro to Western & World Music
THEA 1503 Appreciation of Theatre
THEA 2423 Drama Analysis

080 Social & Behavioral Sciences

3 hrs

ECON 1333 General Economics
ECON 2333 Principles of Macroeconomics
PSYC 1103 General Psychology
SOCL 1133 Introductory Sociology

090 Component Area Option

6 hrs

3 hrs from Cultural & Global Understanding

EDUC 2013 School and Society
FREN 1234 Elementary French
GERM 1234 Elementary German
HSHS 1013 Global Health and Wellness
HUMN 2013 Humanities: The Ancient World
(with special permission and if not used in Language, Philosophy & Culture)
HUMN 2023 Humanities: Medieval Cultures
(with special permission and if not used in Language, Philosophy & Culture)
HUMN 2033 - Humanities: Renaissance through Realism
(with special permission and if not used in Language, Philosophy & Culture)
HUMN 2043 Humanities: Mid-19th-20th Centuries
(with special permission and if not used in Language, Philosophy & Culture)
INTS 2503 Introduction to Global Studies
LATS 2503 Introduction to Latin American Studies
MCOM 1233 Introduction to Mass Communication
MCOM 2523 The Internet and Society
MUSC 2733 Introduction to Western and World Music
(with special permission and if not used in Creative Arts)
POLS 2523 Foundations of Government and Politics
SOCL 2233 Global Social Problems
SPAN 1234 Elementary Spanish II
WGST 2503 Introduction to Women's and Gender Studies
&
3 hrs from Undergraduate Inquiry & Creativity
ART 1613 Ceramics for Non-Art Majors
BUAD 1033 Foundations of Business
COUN 2143 Human Diversity
ENGL 2123 Rhetoric of Visuals and Infographics
(with special permission and if not used in Communication)
MCOM 2833 Web Site Design
MWSU 2003 Creative Inquiry: Interdisciplinary Thinking
SCIE 2103 Understanding Sci., Eng., & Technology
SOCL 1143 Sociological Inquiry
THEA 1103 Acting for Non-Majors
THEA 2103 Playwrights & Scientists: Interesting Bedfellows

CHEMISTRY OPTION C

BIOCHEMISTRY, PRE-PROFESSIONAL, FORENSIC

FALL

Year 1

CHEM 1141
CHEM 1143
BIOL 1114
MATH 1233
010 CORE¹ 3 hrs

14 hrs

Year 3

CHEM 4242
CHEM 4243
³BIOL ADV4
PHYS 1624
HIST 1133

16 hrs

SPRING

CHEM 1241
CHEM 1243
BIOL 1214
MATH 1433
010 CORE¹ 3 hrs

14 hrs

CHEM 4253
³BIOL ADV4
PHYS 2644
HIST 1233
090a CORE¹ 3 hrs

17 hrs

FALL

Year 2

CHEM 2001
CHEM 2003
BIOL 2114
MATH 1634
050 CORE¹

15 hrs

Year 4

CHEM 4001
⁴CHEM adv 3to5 hrs
Elective ² 3 hrs
POLS 1333
040 CORE¹ 3 hrs

13-15 hrs

SPRING

CHEM 2011
CHEM 2013
³BIOL ADV4
MATH 1734
STAT 3573

15 hrs

⁴CHEM adv 3to5 hrs
CHEM 4001
POLS 1433
080 CORE¹ 3 hrs
090b CORE¹ 3 hrs

16-18 hrs

1 - See Approved Core Class list

3 - BIOL 3044, 3334, 3344

4233/4231, 4023/3021, 4714

or approved by advisor

2 - Electives Options if needed

4 - CHEM 3305, 3405, 3603, 3705, 4122, 4305

THIS CURRICULUM DOES NOT SUPERSEDE CATALOG REQUIREMENTS FOR WHICH STUDENT IS FULLY RESPONSIBLE

