

Name _____
 Mustangs ID# _____

MIDWESTERN STATE UNIVERSITY
 Catalog: 2020-2021
 Date _____

CHEMISTRY PROGRAM
DEGREE PLAN - CHEMISTRY MAJOR - Option B

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 Minor and/or Electives on back

I. Core Requirements

II. Opt. B Interdisciplinary

III. Program Requirements

010 Communication - 6 hours

CHEM 1141 _____

MATH 1233 _____

CHEM 1143 _____

MATH 1433 _____

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

CHEM 1241 _____

or MATH 1534 _____

CHEM 1243 _____

MATH 1634 _____

CHEM 2001 _____

MATH 1734 _____

CHEM 2003 _____

MATH 2534 _____

050 Creative Arts - 3 hours

CHEM 2011 _____

STAT 3573 _____

CHEM 2013 _____

PHYS 1624 _____

060 American History - 6 hours

CHEM 3305 _____

PHYS 2644 _____

HIST 1133 _____

CHEM 3603 _____

HIST 1233 _____

***2 hrs required**

070 Government/Political Science 6 hrs

*CHEM 4001 _____

POLS 1333 _____

*CHEM 4001 _____

POLS 1433 _____

Select 1 from below

080 Social & Behavioral Sciences 3 hrs

CHEM 3405 _____

CHEM 3705 _____

090a Cultural & Global Understanding 3 hrs

CHEM 4242 _____

& CHEM 4243 _____

090b Undergraduate Inquiry & Creativity - 3 hrs

CHEM 3504 _____

ELECTIVES

TOTAL HOURS MUST BE minimum 120 (Developmental Courses Excluded)
 TOTAL ADVANCED HOURS MUST BE minimum 33.

Total Hours _____
Total Adv. Hours _____
Total Transfer Hours _____

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

Chair Major _____ Date

Chair - Minor _____ Date

Advisor _____ Date

Dean - _____ 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 B
INTERDISCIPLINARY**

OPEN MINOR - EXAMPLES: Biology, Engineering, Business, Criminal Justice

FALL	SPRING	FALL	SPRING
<i>Year 1</i>		<i>Year 2</i>	
CHEM 1141	CHEM 1241	CHEM 2001	CHEM 2011
CHEM 1143	CHEM 1243	CHEM 2003	CHEM 2013
Elective ² 3 to 4 hrs	Elective ² 3 to 4 hrs	Elective ² 3 to 4 hrs	Elective ² 3 to 4 hrs
MATH 1233	MATH 1433	MATH 1634	MATH 1734
010 CORE ¹ 3 hrs	010 CORE ¹ 3 hrs	050 CORE ¹	STAT 3573
13-14 hrs	14 hrs	15 hrs	15 hrs
<i>Year 3</i>		<i>Year 4</i>	
CHEM 3305	Elective ² 3 to 4 hrs	CHEM 4001	CHEM advanced 5 hrs
Elective ² 3 to 4 hrs	PHYS 2644	CHEM 3603 ³	CHEM 4001
PHYS 1624	HIST 1233	Elective ² 3 to 4 hrs	POLS 1433
HIST 1133	MATH 2534	POLS 1333	090 CORE ¹ 3 hrs
15-16 hrs	080 CORE ¹ 3 hrs	040 CORE ¹ 3 hrs	090 CORE ¹ 3 hrs
	16-17 hrs	13-14 hrs	15 hrs

Example - Engineering Minor

FALL	SPRING	FALL	SPRING
<i>Year 1</i>		<i>Year 2</i>	
CHEM 1141	CHEM 1241	CHEM 2001	CHEM 2011
CHEM 1143	CHEM 1243	CHEM 2003	CHEM 2013
POLS 1333	POLS 1433	MENG 2113	MENG 2223
MATH 1534	MATH 1634	MATH 1734	MATH 2534
010 CORE ¹ 3 hrs	010 CORE ¹ 3 hrs	PHYS 2644 ⁴	050 CORE ¹ 3 hrs
14 hrs	PHYS 1624 ⁴ 18 hrs	15 hrs	14 hrs
<i>Year 3</i>		<i>Year 4</i>	
CHEM 3305	MENG 2203	CHEM 4001	CHEM advanced 5 hrs
MENG 3114	STAT 3573	CHEM 3603 ³	CHEM 4001
MATH 3433	HIST 1233	MENG 3104	MATH 3753
CHEM 1253 ³	MATH 2573	MENG 4123	090 CORE ¹ 3 hrs
HIST 1133	080 CORE ¹ 3 hrs	040 CORE ¹ 3 hrs	090 CORE ¹ 3 hrs
18 hrs	15 hrs	14 hrs	15 hrs

1 - See Approved Core Class list

2 - Electives must total 28 hours

3 - Odd/Even Course Sequence

4 - Possibly take during the summer

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