



2019-2020

Degree Planning Worksheet

AS in Mathematics

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Faculty Advisor	Student Name	Academic Advisor
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Telephone Number	Student ID Number	Date

This worksheet is designed to help you successfully plan and track your progress toward your degree. It lists all of the current graduation requirements in the recommended sequence. For full course descriptions, please refer to the current catalog.

SEQUENCE: In order to increase chances of success in more advanced courses, it is **strongly recommended** that students complete the Core 4 in the first two semesters. Choices in the General Education courses can be added to reach semester requirements. All Program Required courses should be taken AFTER General Education courses have been completed.

Courses only offered once a year are identified at the end of the course title with the following designations: Fa = fall only; Sp = spring only. NOTE: Course enrollment determines whether a course will be offered each semester.

Advisor's Notes/Recommendations:

- In order to improve student success probability and reduce unnecessary attrition, all students must take the University Skills Placement Test prior to entering the program.
- All lectures and corresponding labs must be taken simultaneously.
- Student must have an **ENMU Campus System** cumulative grade point average of 2.0 in order to meet graduation requirements.
- Submit a Graduation Application before the close of the semester preceding the expected completion date.

CORE 4: Complete within the first two semesters					
Course #	Course Title	Course	Credits	Grade	Semester
MATH	MATH 1220 or 1230 or 1510 or 1520 (Sp) or 2530 (Fa)	MATH	3-4		
ENGL 1110	Composition I	ENGL 1110	3		
ENGL 1120	Composition II	ENGL 1120	3		
CIT 274	Spreadsheets	CIT 274	3		

GENERAL EDUCATION COURSES: Focus on completing within the first two semesters					
Course #	Course Title	Course	Credits	Grade	Semester
	ENGL 2210 or COMM 2120 or COMM 1130		3		
CHEM 1215	General Chemistry I for STEM majors	CHEM 1215	4		
CHEM 1225	General Chemistry II for STEM majors	CHEM 1225	4		



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	Any Social and Behavioral Science* (Gen Ed)		3		
	Any Humanity * (Gen Ed)		3		
	Any Creative/Fine Art* (Gen Ed)		3		
	Additional Creative/Fine Arts or Humanities* (Gen Ed)		3		
MATH 1350	Elementary Statistics	MATH 1350	4		

PROGRAM REQUIREMENTS

Course #	Course Title	Course	Credits	Grade	Semester
	Any Laboratory Science* (Gen Ed)		4		
	Any Laboratory Science* (Gen Ed)		4		
	Any Laboratory Science* (Gen Ed)		4		
MATH	MATH 1220 or 1230 or 1510 or 1520 (Sp) or 2530 (Fa)	MATH	3-4		
MATH	MATH 1220 or 1230 or 1510 or 1520 (Sp) or 2530 (Fa)	MATH	3-4		
ECON	ECON 1110 or 2110 or 2120	ECON	3		



*ENMU-Roswell General Education Courses

I. Communication

ENGL 1110 (ENG 102) – English Composition3
 ENGL 1120 (ENG 104) - English Composition & Research 3
 ENGL 2210 (ENG 233) - Technical Writing.....3
 COMM 2120 (COMM 101) - Interpersonal Communication 3
 COMM 1130 (COMM 102) - Public Speaking..... 3
 COMM 2140 (COMM 202) - Dynamics of Group Behavior ...3

II. Mathematics

MATH 1120 (MATH 119) - College Algebra3
 MATH 1230 (MATH 120) - Plane Trigonometry3
 MATH 1510 (MATH 124) - Calculus I4
 MATH 1520 (MATH 132) - Calculus II.....4
 MATH 2530 (MATH 202)- Calculus III.....4
 MATH 1350 (STAT 213) -Statistical Methods4

III. Laboratory Sciences

BIOL 1650+Lab...(BIOL 110) - Intro to Wildlife and Fisheries 4
 BIOL 1110+Lab...(BIOL 113) - Biology for General Education 4
 BIOL 2110+Lab(BIOL 154) - General Biology I 4
 BIOL 2610+Lab.....(BIOL 155) - General Biology II 4
 BIOL 2210+Lab.....(BIOL 209) - Anatomy and Physiology I 4
 BIOL 2225+Lab..... (BIOL 210) - Anatomy and Physiology II 4
 BIOL 2310+Lab..... (BIOL 214) – Microbiology 4
 CHEM 1110+Lab (CHEM 113) -Chemistry for Today 4
 CHEM 1215+Lab (CHEM 151) – General Chemistry I for STEM 4
 CHEM 1225+Lab (CHEM 152) – General Chemistry II for STEM 4
 GEOL 1120+Lab.... (GEOL 113) - The Geological Environment 4
 GEOL 1110+Lab..... (GEOL 151) - Physical Geology 4
 GEOL 2110+Lab..... (GEOL 152) - Historical Geology 4
 PHYS 1230+Lab..... (PHYS 151) - General Physics I 4
 PHYS 1240+Lab.....(PHYS 152) - General Physics II 4
 PHYS 1310+Lab..... (PHYS 201)- Calculus based Physics I 4
 PHYS 1310+Lab..... (PHYS 201)- Calculus based Physics I 4

IV. Social and Behavioral Sciences

ANTH 1115 (ANTH 105) - Introductory Anthropology3
 ANTH 1140 (ANTH 243) - Cultural Anthropology3
 ECON 1110 (ECON 200) - Survey of Economics3
 ECON 2110 (ECON 221) – Macroeconomic Principles3
 ECON 2120 (ECON 222) – Microeconomic Principles3
 POLS 1110 (PSCI 101) - Introduction to Political Science.3
 POLS 1120 (PSCI 102) - American National Government.3



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POLS 2160	(PSCI 103) - State and Local Government	3
PSYC 1110	(PSY 101) - Introductory Psychology	3
SOCI 1110	(SOC 101) - Introductory Sociology	3
SOCI 2310	(SOC 212) - Contemporary Social Issues	3
V. Humanities.....		
HIST 1110	(HIST 101) - Survey of American History to 1877	3
HIST 1120	(HIST 102) - Survey of American History Since 1877	3
HIST 1150	(HIST 121) - Survey of Western Civilization I.	3
HIST 1160	(HIST 122) - Survey of Western Civilization II	3
HIST 2110	(HIST 203) - History of New Mexico.....	3
HUMN 1110	(HUM 221) - Introduction to World Humanities	3
HUMN 2110	(HUM 222) - Introduction to Modern World Humanities	3
PHIL 1115	(PHIL 121) - Introductory Philosophy.....	3
PHIL 1120	(PHIL 211) - Ethics	3
RELI 1110	(REL 107) - World Religion.....	3
ENGL 1410	(ENG 211) - Introduction to Literature	3
ENGL 2630	(ENG 221) - Survey of British Literature I.....	3
ENGL 2640	(ENG 222) - Survey of British Literature II	3

VI. Fine and Creative Arts

Select one course

ARTS 1110	(ART 131) - Art Appreciation	3
ARTS 2210	(ART 265) - Art History I.....	3
MUSC 1110/1120	(MUS 113B/C) - Music Appreciation	3
MUSC 1130	(MUS 125) - Music History	3
THEA 1110	(THTR 111) - Theatre Appreciation	3
ARTS 1610	(ART 101) - Beginning Drawing I.....	3
ARTS 2160	(ART 102) - Beginning Drawing II.....	3
ARTS 2140	(ART 106) - Design I.....	3
ARTS 1310	(ART 231) - Beginning Ceramics I	3
ARTS 2130	(ART 232) - Beginning Ceramics II.....	3