

East Central University+A1:K49
 BIOLOGY- Medical Botany Conc.
 Major Code= 004D / 2024-2025 Academic Catalog

Student Name:	Student ID #
30 hours at ECU completed	Advisor: _____
60 hours at Sr college completed	
40 hours upper level completed	OSRHE Computer Proficiency Requirement met <input type="checkbox"/>

Requirements	Hours	Hours
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Courses highlighted in blue are general education courses.

I. General Education	40
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A maximum of 12 hours may be counted in both the major/related work and general education.

II. Major in Biology--Medical Botany	60
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A. Required Core Courses	20
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BIOL 1114	General Biology
BIOL 1214	General Botany
BIOL 1314	General Zoology
BIOL 3434	Genetics
BIOL 3514	General Physiology OR
BIOL 3634	Human Physiology

B. Required in Medical Botany Concentration	16
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BIOL 2344	Microbiology
BIOL 3034	Medical Botany
BIOL 3234	General Entomology
BIOL 3674	Plant Ecophysiology

C. Required Electives	24
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Select 12 hrs of:	
ACCT 2103	Financial Accounting
ACCT 2203	Managerial Accounting
ANTH 2003	Intro. To Cultural Resource Management
BUCOM 3133	Business Communication & Report Wr.
BUS 1113	Foundations of Business
BUSLW 3213	Legal Envir. Of Business
BUSLW 3253	Business Law
ECON 2013	Principles of Economics
EHS 4013	Native American Environmental Health
LS 4143	Intro. To Native American Law
LSPS 2153	Intro. To Law
NAS 3003	Tribal Sovereignty and Federal Indian Policy
SOC 3003	Native American Sociology

Select 12 hrs of:		
BIOL 2103	Horticulture	
BIOL 3143	Ethnobotany	
BIOL 3524	Mycology	
BIOL 4014	Integrated Pest Management	
BIOL 4123	Evolution	
BIOL 4553	Pathogenic Microbiology	
CHEM 3124	Chemistry of Food	
CHEM 3214	Quantitative Analysis I	
CHEM 3484	Instrumental Analysis	
EHS 4143	Food Hygeine and Consumer Protection	
HHFS 3114	Food Science	
HHFS 3514	Food Distribution Management	
PSYCH 1113	General Psychology	
PSYCH 4133	Abnormal Psychology	

III. Required Related Work	21-23
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CHEM 1114	General Chemistry I
CHEM 1214	General Chemistry II
CHEM 3114	Organic Chemistry I
KIN 1513	Basic Nutrition
MATH 1513	College Algebra † OR
MATH 2825	Calculus and Analytic Geometry I
MIS 1903	Computer Business Applications

IV. Electives	8-12
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An elective course is any college-level course not required by the degree that is utilized to reach the 120 credit hours required for degree completion. Elective courses are chosen according to the interest of the student and can be used in completion of a minor, certificate, or additional major.

VI. Total Hours Required	120
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VII. Special Requirements

"Teachers" or "methods" courses do not count in the major.

† With department approval, students may omit MATH 1513 and begin with MATH 2825.