

**EAST CENTRAL UNIVERSITY**  
**BIOLOGY - B.S.**  
**MEDICAL BOTANY CONCENTRATION**  
**004D/UG22**

Advisor \_\_\_\_\_

Student's Name \_\_\_\_\_ ID No. \_\_\_\_\_

**DEGREE CHECK INCLUDES CURRENT ENROLLMENT**

Checked by \_\_\_\_\_ Date \_\_\_\_\_  
**Required:**  
 124 total hours \_\_\_\_\_ completed  
 30 hrs @ ECU \_\_\_\_\_ completed  
 (15 of last 30 must be at ECU) \_\_\_\_\_  
 60 hrs @ Sr College \_\_\_\_\_ completed  
 40 hrs upper level \_\_\_\_\_ completed  
 HS Curricular Req \_\_\_met \_\_\_not met

Work in progress \_\_\_\_\_  
 2.0 minimum required in the following areas:  
 ECU Avg \_\_\_\_\_ Rtn Avg \_\_\_\_\_  
 Major Overall Avg \_\_\_\_\_  
 Major ECU Avg \_\_\_\_\_  
 Minor Overall Avg \_\_\_\_\_

**Work lacking:**  
 Major \_\_\_\_\_ (inc A/C and Related Work)  
 Minor \_\_\_\_\_ (incl Rel Wk)  
 Prof Educ \_\_\_\_\_  
 General Educ \_\_\_\_\_  
 Comp Prof \_\_\_met \_\_\_not met

**REQUIREMENTS**

**HOURS**

- I. General Education (44 HOURS)**  
 17 hours (BIOL 1114, CHEM 1114, HHFS 1515, and MATH 1513 or 2825 and MIS 1903) counted in the Major
- Other hours needed** **27**
- II. Major in Medical Botany** **60**
- A. Required General Education** 4
- \_\_\_ BIOL 1114 General Biology
- B. Required in the Biology Core** 16
- \_\_\_ BIOL 1214 General Botany  
 \_\_\_ BIOL 1314 General Zoology  
 \_\_\_ BIOL 3434 Genetics  
 \_\_\_ BIOL 3514 General Physiology **OR**  
 \_\_\_ BIOL 3634 Human Physiology
- C. Required in the Medical Botany Major** 16
- \_\_\_ BIOL 2344 Microbiology  
 \_\_\_ BIOL 3034 Medical Botany  
 \_\_\_ BIOL 3234 General Entomology  
 \_\_\_ BIOL 3674 Plant Ecophysiology
- D. Required Electives** 24
- Select 12 hours from the following:
- \_\_\_ ACCT 2103 Financial Accounting  
 \_\_\_ ACCT 2203 Managerial Accounting  
 \_\_\_ ANTH 2003 Introduction to Cultural Resource Management  
 \_\_\_ ANTH 2713 Introduction to Cultural Anthropology  
 \_\_\_ BUCOM 3133 Business Communication and Report Writing  
 \_\_\_ BUS 1113 Foundations of Business  
 \_\_\_ BUSLW 3213 The Legal Environment of Business  
 \_\_\_ BUSLW 3253 Business Law  
 \_\_\_ ECON 2013 Principles of Microeconomics  
 \_\_\_ EHS 4013 Native American Environmental & Health Issues  
 \_\_\_ LS 4143 Introduction to Native American Law  
 \_\_\_ LSPS 2153 Introduction to Law  
 \_\_\_ NAS 3003 Tribal Sovereignty and Federal Indian Policy  
 \_\_\_ SOC 3003 Native American Sociology

**REQUIREMENTS**

**HOURS**

- Select 12 hours from the following: 12
- \_\_\_ 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 Hygiene and Consumer Protection  
 \_\_\_ HHFS 3114 Food Science: Service, Safety & Sanitation  
 \_\_\_ HHFS 3514 Food Distribution Management  
 \_\_\_ PSYCH 1113 General Psychology  
 \_\_\_ PSYCH 4133 Abnormal Psychology

**III. Related Work** **21-23**

**A. Required General Education** 13-15

- \_\_\_ CHEM 1114 General Chemistry  
 \_\_\_ HHFS 1513 Basic Nutrition  
 \_\_\_ MATH 1513 College Algebra **OR**  
 \_\_\_ MATH 2825 Calculus and Analytic Geometry I  
 \_\_\_ MIS 1903 Computer Business Applications

**B. Related Work Required** 8

- \_\_\_ CHEM 1114 General Chemistry I  
 \_\_\_ CHEM 3114 Organic Chemistry I

**IV. Minor (Not Required)**

**V. Electives** **14-16**

**VI. Total Hours Required** **124**

**VII. Special Requirements**

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

The OSRHE computer proficiency graduation requirement will be met through completion of one of the courses in the institution's general education computer literacy option (including equated or substituted courses), or testing out of the challenge exam for one of these courses (all courses may not have challenge exams), **OR** successful completion of an Associate of Arts or Associate of Science degree at an Oklahoma two-year college in which the computer skills requirement was met. Satisfaction of this requirement may not reduce or remove any program requirements.