

EAST CENTRAL UNIVERSITY

**BIOLOGY - B.S.
CLINICAL LABORATORY SCIENTIST CONCENTRATION
004A/UG14-UG15**

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 _____ Minor ECU Avg _____	Work lacking: Major _____ (inc A/C and Related Work) Minor _____ (incl Rel Wk) Prof Educ _____ General Educ _____ Comp Prof ___ met ___ not met Serv Lrng ___ met ___ not met
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<u>REQUIREMENTS</u>	<u>HOURS</u>	<u>REQUIREMENTS</u>	<u>HOURS</u>
I. General Education (45 HOURS)		III. Related Work 19-21	
<i>11 hours (BIOL 1314, CHEM 1114, and MATH 1513) counted in the Major</i>		A. Required General Education 7-9	
Other hours needed 34		___ CHEM 1114 General Chemistry I ___ MATH 1513 College Algebra OR ___ MATH 2825 Calculus and Analytic Geometry I	
II. Major in Biology – Clinical Laboratory Scientist 59		B. Related Work Required 12	
A. Required General Education 4		___ CHEM 1214 General Chemistry II ___ CHEM 3114 Organic Chemistry I ___ CHEM 4213 Biochemistry ___ CHEM 4221 Biochemistry Lab	
___ BIOL 1314 General Zoology B. Required in Biology CLS Major 55		IV. Minor (Not Required)	
___ BIOL 2184 Human Anatomy ___ BIOL 2345 General Microbiology ___ BIOL 3434 Genetics ___ BIOL 3634 Human Physiology ___ BIOL 3654 Histology ___ BIOL 3683 Immunology ___ BIOL 4881 Biology Senior Seminar ___ MEDTE 4117 Clinical Microbiology ___ MEDTE 4125 Clinical Chemistry I ___ MEDTE 4236 Clinical Hematology ___ MEDTE 4246 Clinical Immunology/Immunohematology ___ MEDTE 4325 Clinical Chemistry II ___ MEDTE 4351 Topics in Medical Technology		V. Electives 10-12	
		VI. Total Hours Required 124	
		VII. Special Requirements	

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

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.

Students beginning at East Central University in the fall 2007 semester or later who have earned less than sixty-four semester hours are required to take two classes with designated service-learning component. Students transferring to ECU for the first time in the fall 2007 semester or later with sixty-four or more semester hours will be required to take one class with a service-learning component.
