

Articulated Curriculum Guide September 2008
Eastern Michigan University – Bachelor of Science Biology Major
Logan University – Doctor of Chiropractic

General Education Requirements: **33-40 hrs**

Effective Communication	
ENGL 121 Composition II: Researching the Public Exp. or higher	3 hrs
CTAS 124 Fundamentals of Speech	3 hrs
Quantitative Reasoning	
¹ Complete one of the following:	3 hrs
MATH 120 Calculus I, or	
MATH 170 Elementary Statistics	3-4 hrs
Perspectives on a Diverse World	
Global Awareness - One Course (See the Class Schedule)	3 hrs
US Diversity - One Course (See the Class Schedule)	3 hrs
Knowledge of the Disciplines	
Arts – Two courses (See the Class Schedule)	6 hrs
Humanities – Two courses (See the Class Schedule)	6 hrs
Natural Sciences (Completed in Major and Additional Requirements. See* below)	
Social Sciences – Two courses	
PSY 101 General Psychology (Required Logan program)	3 hrs
One additional Social Science course in a different discipline (See the Class Schedule for approved courses)	3 hrs
Learning Beyond the Classroom (Satisfy two of the six areas) (See the Class Schedule for options) <i>Non-credit options are available</i>	
	0-6 hrs

Major Requirements: **21 hrs**

<u>Required Foundation Courses</u>	
* BIOL 110 Introductory Biology I	5 hrs
BIOL 120 Introductory Biology II	5 hrs
BIOL 301 Genetics	3 hrs
<u>Core Courses</u>	
BIOL 305 Cell & Molecular Biology	3 hrs
BIOL 315 Evolution	3 hrs
<u>Core Labs</u>	
BIOL 306W Cell-Molecular Biology & Genetics Lab	2 hrs

²Additional Requirements: **24 hrs**

* CHEM 121/122 General Chemistry I & Lab	4 hrs
CHEM 123/124 General Chemistry II & Lab	4 hrs
CHEM 371 Organic Chemistry I	3 hrs
CHEM 372 Organic Chemistry II	3 hrs
CHEM 373 Organic Chemistry Laboratory	2 hrs
* PHY 221 Mechanics, Sound and Heat	4 hrs
PHY 222 Electricity & Light	4 hrs

Chemistry Minor Requirement: **4 hrs**

(The addition of CHEM 281 to the chemistry courses above equals a minor in chemistry)
 CHEM 281 Quantitative Analysis 4 hrs

University Electives: **1-8 hrs**

Complete enough credit hours to bring the total at EMU to a minimum of 90 hours.

Total semester hours at EMU **90 hrs**

Transfer Credits from Logan: See page 5 for specific courses **34 hrs**

Minimum Hours Required for a Bachelor's Degree: **124 hrs**

¹ MATH 120 or MATH 170 will satisfy the QR requirement if completed at another college and transferred to EMU before the second semester of enrollment, or if student has an ACT math score > 22 or SAT math score > 570, or score of 53 on the Math Placement Test. Other students will be required to complete MATH 110.

² Prerequisites of MATH 104, 105 and 107 are required for chemistry and physics and will count as university electives.

*The combination of any two specified courses satisfies the General Education Natural Sciences requirement.

Transfer Credits: Electives taken at Logan in the Basic Sciences. **34 hrs**

Apply to Biology Major

BS01502_02	Histology/Cell Biology	5 hrs
BS02402_02	Embryology	2 hrs
BS02601_02	Microbiology I	4 hrs
BS02504_02	Physiology I	4 hrs
BS03506_02	Physiology II	6 hrs
BS02405_02	Neuroanatomy	5 hrs

Apply to Chemistry Minor

BS01501_02	Biochemistry I	4 hrs
BS02503_02	Biochemistry II	4 hrs

Additional Information

1. Under the provisions of this program, students will matriculate at EMU for a minimum of 90 semester hours in coursework leading toward the Bachelor of Science – with a comprehensive major in Biology. While enrolled at EMU, students will complete all required course work as outlined below and described in the EMU catalog.
2. Under this agreement, EMU will waive the requirement that of the last 30 semester hours prior to the granting of a bachelor's degree, at least 10 hours must be taken in courses offered by Eastern Michigan University. Upon completion of the first year of studies at LCC a maximum of 34 LCC credits may be transferred toward completion of the B.S. in Biology degree at EMU. To accomplish this, an official transcript must be sent from LCC to the Office of Records and Registration at EMU and students must submit an application for graduation.
3. The acceptance of transfer credits or testing toward completion of degree requirements shall be governed by current policies of EMU. However, no more than 20 credits of required courses and NONE of the science credits required for the EMU Biology major or for admission to LCC may be earned via examination or transfer from another school.
4. Students are admitted to LCC only as first year doctorate of chiropractic students.
5. Logan College of Chiropractic shall accept, for the entrance date of their choice, all students who successfully complete the Pre-Chiropractic Program with a cumulative GPA of 3.25 or higher and meet all other criteria for admission.
6. Students who earn less than a 3.25 GPA, but at least a 2.50 GPA, will be eligible for admission to LCC, and will receive appropriate consideration in the admission process for having completed the EMU Pre-Chiropractic Program, but will not receive the assurance of a seat reserved for students earning a 3.25 or higher GPA.
7. Students will make application to LCC one year in advance of their desired entrance date and will complete all required application procedures thereafter in a timely manner, including submission of recommendation and a satisfactory interview.
8. Students enrolled in the "3+3" program who successfully complete all course work in the first three 15-week trimesters at Logan College of Chiropractic with C's or better will be granted the Bachelor of Science from EMU, provided they have met all other graduation requirements.
9. Students shall pay the appropriate tuition and fees to each institution for all course work taken at that institution. During their first year of study at LCC, students shall not be registered for courses at EMU, but shall pay any fees required to maintain their registration toward the baccalaureate degree. Upon completion of the first year of study at LCC, students shall be responsible for any fees regularly charged by EMU for transfer of credits and awarding the baccalaureate degree.

Contacts:

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Logan College of Chiropractic

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