



BIOLOGICAL SCIENCE
Toward a Bachelor of Science Degree

Transfer Curriculum 000AS0087 Associate in Science Minimum Hrs. 64 Major Code: 1.1 260101B

FIRST YEAR – FALL SEMESTER

Dept. No.		Hrs.	Gr.
BIO 101	Biological Science for Science Majors I	4	___
ENG 101	English Composition I ¹	3	___
HIS 201	United States History I	3	___
SPE 115	Speech	3	___
	Humanities elective (Group II)	3	___
		<u>16</u>	

SECOND YEAR – FALL SEMESTER

Dept. No.		Hrs.	Gr.
BIO 110	General Botany	3	___
CHM 151	Chemical Principles	5	___
PSY 132	General Psychology	3	___
	Fine Arts elective (Group II)	3	___
	Social Science elective (Group IV)	3	___
		<u>17</u>	

FIRST YEAR – SPRING SEMESTER

Dept. No.		Hrs.	Gr.
BIO 102	Biological Sciences II	4	___
ENG 102	English Composition II ¹	3	___
MAT 111	Pre-Calculus ²	5	___
PHS 101	Environmental Technology	3	___
		<u>15</u>	

SECOND YEAR – SPRING SEMESTER

Dept. No.		Hrs.	Gr.
BIO 105	Anatomy and Physiology	3	___
CHM 152	Chemical Principles with Qualitative Analysis	5	___
HTH 110	Health Education	2	___
MAT 120	Elementary Statistics	3	___
PHL 121	Introduction to Logic	3	___
		<u>16</u>	

¹ Requires a grade of "C" or higher.

² MAT 131, Calculus I, may be substituted for MAT 111, Pre-Calculus.

This curriculum guide outlines a recommended or suggested first two years for individuals interested in pursuing a baccalaureate degree in this discipline or possibly one closely related. The General Education component in this recommended guide meets the guidelines established by the Illinois Articulation Initiative General Education Core Curriculum (IAI GECC). With appropriate justification and in consultation with your academic advisor, a request to substitute a course for one recommended in this guide may be granted with the appropriate approvals from the Department Chair, Dean for Instruction and Vice-President for Instruction. However, no substitutions are allowed in Groups I-V (General Education Component; GECC-IAI) of the curriculum guide (see the Associate in Science general degree requirements worksheet in the John A. Logan College Catalog).

It is recommended that you consult the catalog of the college or university you are considering as a transfer institution to complete a baccalaureate degree. It is also recommended that you consult with an academic advisor at that college or university.

*John A. Logan College reserves the right to modify this curriculum guide as needed.
Please verify with your academic advisor the accuracy and time lines of this document.*

Effective Date: Fall 2008

Career Opportunities: Positions are available in such specialties as education, medical laboratories, public health, industrial laboratories, industrial safety and hygiene, forensic science, botany, agriculture, veterinary offices, marine research, environmental work, conservation, genetics, pharmaceutical studies, pollution control, physiology, microbiology, wildlife research, scientific/medical illustration, technical sales.

Major Employers: Schools, colleges and universities; pharmaceutical, chemical products, food and agricultural products manufacturers; medical laboratories, hospitals, independent testing laboratories; environmental consulting firms; laboratory equipment and supply companies; publishing firms; federal, state, and local government, including Departments of Agriculture, Health and Human Services, Interior, and Defense; U. S. Environmental Protection Agency; National Science Foundation; the Illinois Department of Agriculture, Conservation, Public Health and Law Enforcement; Illinois Environmental Protection Agency; local public health agencies; local crime labs; soil and water conservation districts; park districts; zoological and botanical parks; museums.