

**INDIANA UNIVERSITY EAST
DIVISION OF NATURAL SCIENCE AND MATHEMATICS
CERTIFICATE IN LABORATORY SCIENCE - 20 credits**

Name _____ Date _____

Advisor _____

ADVISING CHECK LIST

1. Required courses: (12-14 cr - 1 from each category)

	<u>Yr/sem</u>	<u>Grade</u>
A. BIOL L315 Cell Biology (4 cr)	_____	_____
B. CHEM C303/333 Environmental Chemistry (5 cr)	_____	_____
OR		
CHEM C341/343 Organic Chemistry (5cr)	_____	_____
C. BIOL L 490 Laboratory Independent study (3-5cr)	_____	_____
OR		
BIOL L498/Laboratory Internship (3-5cr)	_____	_____

2. Elective courses: (6-8 cr)

	<u>Yr/sem</u>	<u>Grade</u>
BIOL L314 Genetics (4 cr)	_____	_____
BIOL M315, Microbiology Lab. (2 cr.)	_____	_____
CHEM C343, Organic Chem. I - Lab (2 cr.)	_____	_____
CHEM C344, Organic Chem. II - Lab (2 cr.)	_____	_____
CHEM 333 Environmental Chemistry Lab (2 cr.)	_____	_____
Laboratory Safety/OSHA regulations	_____	_____

3. Prerequisites:

	<u>Yr/sem</u>	<u>Grade</u>
MATH M117 Intermediate Algebra	_____	_____
{For BIOL L315, Cell Biology }		
BIOL L107, Biological Concepts (5 cr.)	_____	_____
College Chemistry	_____	_____
{For CHEM C303/333 Environmental Chemistry}		
CHEM C108 Gen Organic Biochem (5 cr)	_____	_____
{For CHEM C341/342 Organic Chemistry }		
CHEM C105/125 Principles of Chem & lab (5 cr.)	_____	_____
CHEM C106/126 Principles of Chem & lab (5 cr.)	_____	_____