

# CLINICAL NUTRITION / BACHELOR OF SCIENCE IN BIOLOGY TO MASTER OF SCIENCE IN CLINICAL NUTRITION / 3 + 2 PROGRAM

**Total Credit Hours:** 120

**Major Credit Hours:** 64

Students enrolled in this program will be awarded a Bachelor of Science in Biology from Lewis University and a Master of Science in Clinical Nutrition from Rush University. All catalog rules for the Bachelor of Science in Biology (<https://catalog.lewisu.edu/undergraduate/aviation-science-technology/biology/biology-bachelor-science/>) apply.

## Requirements

### Degree Requirements

**Concentration:** CLIN

Code	Title	Hours
<b>Core Courses</b>		
BIOL 11000	General Biology 1	4
BIOL 11100	General Biology 1 Lab	1
BIOL 11500	General Biology 2	4
BIOL 11600	General Biology 2 Lab	1
BIOL 22000	Genetics	4
BIOL 22100	Genetics Lab	1
BIOL 22400	General Microbiology	4
BIOL 22600	General Microbiology Lab	1
BIOL 32000	Biostatistics	3
BIOL 33500	Advanced Clinical Physiology	3
BIOL 33600	Case Studies in Human Physiology	1
BIOL 35600	Molecular Biochemistry Lab	1
BIOL 35700	Nutritional Biochemistry with Clinical Correlates	3
BIOL 42200	Human Anatomy	3
BIOL 42300	Functional Human Anatomy Lab	1
CHEM 11000	General Chemistry 1	4
CHEM 11100	General Chemistry 1 Lab	1
CHEM 11500	General Chemistry 2	4
CHEM 11600	General Chemistry 2 Lab	1
CHEM 23000	Organic Chemistry I	3
CHEM 22100	Organic Chemistry I Lab	1
HUPR 27100	Nutrition and Exercise	3
MATH 20900	Calculus 1	4
	or MATH 20400 Calculus for the Life Sciences	

#### Journal Club

Select one of the following:		1
BIOL 38000	Biochemistry Journal Club	
BIOL 38100	Physiology Journal Club	
BIOL 38200	Microbiology Journal Club	

BIOL 38300	Ecology Journal Club
BIOL 38400	Genetics Journal Club
BIOL 38500	Biology Journal Club

The following courses will be offered at Rush University to obtain the B.S. in Biology:

CHS-610 Research Methods in Health Sciences	2
NTR-660 Applied Evidence in Clinical Nutrition: Obesity	2
NTR-682 Research Methods Application and Special Topics in Clinical Nutrition	1
IPE-502 Interprofessional Patient Centered Teams	0
Elective Course	2

**Total Hours** **64**

Students admitted to the Clinical Nutrition Program in this manner will be awarded a Bachelor of Science in Biology degree from Lewis University at the successful completion of the first semester at Rush University. Students must complete the first semester in order to be awarded the B.S. degree from Lewis University. If they do not complete the first semester, they will need to return to Lewis to fulfill the baccalaureate requirements.

Students may choose from Rush-approved electives, including CHS 605, CHS 620, NTR 604, NTR 605, NTR 606, NTR 613, NTR 623, or NTR 900.

### Open Electives

Any courses offered at Lewis University or Rush University may be chosen. These credits count toward the 120 hours required for graduation.

### Advanced Writing Requirement

The advanced writing requirement of the General Education curriculum is satisfied by successful completion of the curricula at Lewis University and Rush University.

Consult the program Fact Sheet for the sequence of General Education courses.