



# SMCC Transfer Agreement AAS Biotechnology

## SMCC

### General Education Requirements

BIOL 124	Biology I with Lab	4
BIOL 128	Biology II with Lab	4
ENGL 100	English Composition	3
ENGL 110	Oral Communications	3
ENGL 115	Introduction to Literature	3
MATH 145	College Algebra and Trigonometry	4
	Social Science Elective	3

### Major Required Courses

BIOL 110	Biotechnology with Lab for Majors	4
BIOL 212	Genetics with Lab	4
BIOL 250	Microbiology with Lab	5
BIOL 255	Cell Biology	3
BIOL 275	Biotechnology Internship	2
CHEM 120	General Chemistry I with Lab	4
CHEM 125	General Chemistry II with Lab	4
MATH 155	Statistics	3
PHIL 105	Ethical Dilemmas	3
PHYS 110	Technical Physics with Lab	4
	Computer Applications Elective	3

### Elective Options\*

#### Social Science

PSYC 100	Introduction to Psychology	3
SOCI 100	Introduction to Sociology	3

## Husson University

SC/SL 191	General Biology I with Lab	4
SC/SL 192	General Biology II with Lab	4
EH 123	Rhetoric and Composition I	3
CM ____	Communications Elective	3
EH 200	Approaches to Literature	3
MS 141	Contemporary College Algebra	4
	Choose One Below	3

Open	Open Elective	4
SC 334	Genomic Biology	3
SC 241	Microbiology with Lab	4
SC 291	Cell Biology	3
Open	Open Elective	2
SC/SL 181	General Chemistry I with Lab	4
SC/SL 182	General Chemistry II with Lab	4
MS 132	Probability and Statistics	3
	Ethics Elective	3
	Physical Science Elective	4
	Open Elective	3

PY 111	General Psychology	3
GL ____	Global Elective	3

Total Credits Transferred to Husson      61

\*Only electives applicable to the BS Biology degree have been listed as options

### Courses to be Completed at Husson University

EH 124	Rhetoric and Composition II	3
MS 345	Biostatistics	3
PY 111	General Psychology*	3
SC/SL 240	Ecology with Lab	4
SC 383	Junior Science Seminar	3
SC 481 or SC 300+	Senior Science Capstone Project I <b>or</b> SC Elective (300+)	3
SC 482 or SC 300+	Biological Research & Laboratory Safety II <b>or</b> SC Elective (300+)	3
CM ____	Communications Elective	3
FA ____	Fine Arts Elective	3
GL ____	Global Elective*	3
LC ____	Foreign Culture and Conversation Elective	3
SC ____	Biology Elective (100+)	3
SC ____	Biology Elective (100+)	3
SC ____	Biology Elective (200+)	3
SC ____	Biology Elective (200+)	3
SC ____	Biology Elective (200+)	3
	Open Elective	3
	Open Elective	3
	Open Elective	3
	Open Elective	3
	Physical Science Elective	3

Total Credits Remaining at Husson                      61

\*Course may be transferred if taken as an elective

Students from Southern Maine Community College transferring to Husson University under advanced standing, based on the quality of their credentials, must request an official transcript be sent to Husson University Admissions. Each transcript will be evaluated individually based upon grades and existing transfer agreements between Husson University and SMCC. Transfer students and Husson University students will be held to the same standards and criteria for admission. Upon transfer, any outstanding requirements at Husson University must be completed.



**Bachelor of Science in Biology**  
**2018/2019 Academic Year**

**First Year**

<b>First Semester</b>		Sem./Yr.	Grade	<b>Second Semester</b>		Sem./Yr.	Grade
EH 123	Rhetoric & Composition I	ENGL 100	T	EH 124	Rhetoric and Comp. II		
HE 111	The Husson Experience			MS 141	Contemp. College Algebra	MATH 145	T
PY 111	General Psychology	Option*	T	SC 182	Chemistry II	CHEM 125	T
SC 181	Chemistry I	CHEM 120	T	SL 182	Chemistry II Lab	CHEM 125	T
SL 181	Chemistry I Lab	CHEM 120	T	SC 192	General Biology II	BIOL 128	T
SC 191	General Biology I	BIOL 124	T	SL 192	General Biology II Lab	BIOL 128	T
SL 191	General Biology I Lab	BIOL 124	T				

**Second Year**

<b>Third Semester</b>		Sem./Yr.	Grade	<b>Fourth Semester</b>		Sem./Yr.	Grade
MS 132	Probability and Statistics	MATH 155	T	EH 200	Approaches to Literature	ENGL 115	T
SC 240	Ecology			SC 291	Cell Biology	BIOL 255	T
SL 240	Ecology Lab				Biology Elective (100+)		
	Biology Elective (100+)				Communications Elective	ENGL 110	T
	Ethics Elective	PHIL 105	T		Foreign Cult. & Conv. Elect.		
	Global Perspectives Elect.	Option*	T				

**Third Year**

<b>Fifth Semester</b>		Sem./Yr.	Grade	<b>Sixth Semester</b>		Sem./Yr.	Grade
SC 334	Genomic Biology	BIOL 212	T	MS 345	Biostatistics		
SC 383	Junior Science Sem				Biology Elective (200+)	BIOL 250	T
	Biology Elective (200+)				Communications Elective		
	Physical Science Elective	PHYS 110	T		Fine Arts Elective		
	Open Elective	BIOL 110	T		Physical Science Elective		

**Fourth Year**

<b>Seventh Semester</b>		Sem./Yr.	Grade	<b>Eighth Semester</b>		Sem./Yr.	Grade
	Biology Elective (200+)				Biology Elective (200+)		
	Open Elective	BIOL 275	T		Open Elective		
	Open Elective	Comp. Appl.	T		Open Elective		
	Open Elective				Open Elective		
<b>Choose one of the following:</b>				<b>Choose one of the following:</b>			
SC 481	Senior Sci. Capstone Proj. I			SC 482	Biol. Res. Lab Safety II		
	SC Elective (300+)				SC Elective (300+)		

Students must take 6 biology elective courses. No more than 2 may be 100-level, at least 4 must be 200-level or above:

No more than 2 may come from this list below:

- SC 141 Environmental Science
- SC 142 Conservation Biology

No fewer than 4 of the biology electives must come from this list below:

- SC/SL 210 Marine Biology w/Lab
- SC 221/222 Anatomy & Physiology I & II
- SC 234 Nutrition
- SC 241 Microbiology
- SC 292 Epidemiology
- SC 330/PT 425 Exercise Physiology
- SC 332 Physiological Ecology
- SC 333 Pathophysiology
- SC 352 Biochemistry
- SC 381/382 Organic Chemistry

**\*Only electives applicable to the BS Biology degree have been listed as options**

Candidates for a Bachelor of Science degree are required to complete a minimum of 120 semester hours maintaining a 2.0 overall cumulative grade point average and a "C" or better in all Biology courses. Transfer students must complete a minimum of thirty (30) credit hours at Husson University. At least fifteen (15) credits must be earned in Husson Biology courses.