

## B.S. in Biology, Roosevelt University

McHenry County College Associate of Science (A.S.)

Minimum 64 semester hours

Year One – Semester I (17 S.H.)	
MCC	RU
ENG 151 Composition I (3)	ENG 101 Composition I: Critical Reading and Writing
MAT 165 College Algebra and Trigonometry (5)	MATH 121 College Algebra
CHM 165 General Chemistry I (5)	CHEM 201 General Chemistry I
IAI Humanities or Fine Arts (3) **	IAI Humanities or Fine Arts
MCC 101 (1)	Elective

Year One – Semester II (14 S.H.)	
MCC	RU
ENG 152 Composition II (3)	ENG 102 Composition II: Intro to Academic Research
CHM 166 General Chemistry II (5)	CHEM 202 General Chemistry II
IAI Social Beh. Science (3) **	IAI Social Beh. Science
IAI Humanities or Fine Arts (3) **	IAI Humanities, Fine Arts

Year Two – Semester I (17 S.H.)	
MCC	RU
SPE 151 Introduction to Speech (3)	COMM 101 Public Speaking
CHM 265 Organic Chemistry (5)	CHEM 211 Organic Chemistry I
BIO 157 Fundamentals of Biology (4) ***	BIOL 201 Organismic Biology
MAT 175 Calculus w/Analytical Geometry I (5)	MATH 231 Calculus I

Year Two – Semester II (16 S.H.)	
MCC	RU
IAI Social Beh. Science (3) **	IAI Social Beh. Science
CHM 266 Organic Chemistry II (5)	CHEM 212 Organic Chemistry II
BIO 158 Evolution and Biodiversity (4) ***	BIOL 202 Ecology, Evolution and Genetics
BIO 255 Microbiology <b>OR</b> BIO 263 Human Anatomy I <b>OR</b> BIO 264 Human Anatomy II (4)	BIOL 2XX Biology Transfer Course
<b>Total Semester Hours Completed after Year 2</b>	<b>64 Semester Hours</b>

\*7-8 total credits required for Physical and Life Sciences with one lab

\*\*See MCC catalog for course options that transfer to RU

\*\*\* BIO 157 & BIO 158 must be taken to meet RU BIO requirement

-You can choose BIO 255 or BIO 263 or BIO 264 to fulfill the needed biology elective

Disclaimer: You are encouraged to use this transfer guide when planning your progress towards degree completion. Following a transfer guide does not guarantee admission into the listed program. Information was updated 10/2025; however, any curriculum changes reflected in the Undergraduate Catalog override the information on this guide. Contact your MCC Academic Advisor for assistance in interpreting this guide.

For more Roosevelt University information contact:

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**BS Biology**
**Year Three suggestions**

RU Course Number	RU Course Title	Semester Hours
<b>FALL</b>		
TRS 101*	Transfer Success	1
MATH 217	Elementary Statistics	3
BIOL 301**	Cellular and Molecular Biology w /Lab	5
PHY 280	General Physics I (completed at MCC)	4
<b>SPRING</b>		
BCHM 355	Biochemistry	3
BCHM 356**	Experimental Methods in Biochemistry and Biotechnology	3
	Elective	3
BIOL 350	Cancer Biology	3
PHY 281	General Physics II (completed at MCC)	4
	<b>Total Year 3 Semester Hours</b>	<b>29</b>

**Year Four Suggestions**

<b>FALL</b>		
BIOL 351**	Genetics w/Lab	5
BIOL 339 or BIOL 337	Evolutionary Physiology or Nutrition in America	3
	Experiential Course	3
	Elective	3
<b>SPRING</b>		
BIOL 367**	Immunology w/ Lab	5
BCHM 357	Advanced Biochemistry	3
	Elective	3
	Elective	3
	<b>Total Year 4 Semester Hours</b>	<b>28</b>
	<b>Total Semester Hours Completed at RU</b>	<b>49</b>
	<b>Total Semester Hours Completed at MCC</b>	<b>72</b>
	<b>Total Semester Hours for B.A. Degree</b>	<b>121</b>

\*TRS 101- waived for students with transfer of 90 or more credit hours

\*\*MCC Lab spaces used for RU lab sections

^=Grade of C- or higher required for major courses