

NWACC Associates of Science Liberal Arts and Sciences (stem)  
To  
Missouri Southern State University Bachelor Science in Biology-Physical, Occupational  
Therapy (BI05)  
60 hours

**General Education Requirements NWACC AS LAS non-stem (35 hours)**

<b>English composition (6 hours)</b>			<b>MSSU</b>	<b>Hours</b>
ENGL	1013	English Composition I	ENG 0101	3
ENGL	1023	English Composition II	ENG 0102	3

<b>Fine Arts (3 hours) Choose one</b>			<b>MSSU</b>	<b>Hours</b>
ARHS	1003	Art Appreciation	ART 0110	3
MUSI	1003	Music Appreciation	MUS 0110	3
THTR	1003	Introduction to Theatre	TH 0110	3

<b>Humanities (3 hours) Choose one</b>			<b>MSSU</b>	<b>Hours</b>
ENGL	2113	Survey of British Literature to Romanticism	ENG 0271	3
ENGL	2123	Survey of British Literature from Romanticism	ENG 0272	3
ENGL	2213	Survey of World Literature to 1650	ENG 0261	3
ENGL	2223	Survey of World Literature from 1650	ENG 0262	3
ENGL	2313	Survey of American Literature to Civil War	ENG 0281	3
ENGL	2323	Survey of American Literature since the Civil War	ENG 0282	3
PHIL	2003	Introduction to Philosophy	PHIL 0201	3
PHIL	2103	Introduction to Ethics	PHIL 0212	3

<b>U.S. History of Government (3 hours) Choose one</b>			<b>MSSU</b>	<b>Hours</b>
HIST	2003	History of American People to 1877	HIST 0110	3
HIST	2013	History of American People 1877 to Present	HIST 0120	3
PLSC	2003	American Government	PSC 0120	3

<b>Mathematics (3 hours)</b>			<b>MSSU</b>	<b>Hours</b>
MATH	1203	College Algebra	MATH 0130	3

**Social Sciences (9 hours)**

<b>Choose 2 from the list below</b>			<b>MSSU</b>	<b>Hours</b>
CMJS	2013	Introduction to Criminal Justice	CJ 0100	3
ECON	2013	Principles of Macroeconomics	ECON 0201	3
ECON	2023	Principles of Microeconomics	ECON 0202	3
PSYC	2003	General Psychology	PSY 0100	3
SOCI	2013	General Sociology	SOC 0110	3
SOCI	2033	Social Problems	SOC 0210	3

**Choose 1 from the list below**

HIST	1003	Western Civilization to 1650	HIST 0130	3
HIST	1013	Western Civilization since 1650	HIST 0140	3
HIST	1033	World Civilizations to 1500	HIST 0130	3
HIST	1043	World Civilizations since 1500	HIST 0140	3

## NWACC Associates of Science Liberal Arts and Sciences (stem)

To

Missouri Southern State University Bachelor Science in Biology-Physical, Occupational  
Therapy (BI05)  
60 hours

Lab Science (8 hours)			MSSU	Hours
BIOL	1544	Principles of Biology I	BIO 0110	4
CHEM	1104	College Chemistry I	CHEM 0150	4

Stem Directed Electives (8 hours)			MSSU	Hours
BIOL	1014	General Biology II	BIO 0111	4
CHEM	1124	College Chemistry II	CHEM 0152	4

Approved Electives (17 hours)			MSSU	Hours
PHYS	2014	College Physics I	PHYS 0160	4
COMM	1303	Public Speaking	COMM 0100	3
MATH	1213	Plane Trigonometry	MATH 0135	3
MBIO	2014	Microbiology	BIO 0231	4
Elective to complete degree				3

The above 60 hours completes the NWACC Associate of Science Liberal Arts and Sciences non-stem.  
See page 3 for additional MSSU coursework and information

Office of the Registrar [registrar@mssu.edu](mailto:registrar@mssu.edu) as an additional contact information.

NWACC Associates of Science Liberal Arts and Sciences (stem)  
To

Missouri Southern State University Bachelor Science in Biology-Physical, Occupational  
Therapy (BI05)  
60 hours

**Required Science Courses (35 hours)**

**Hours**

BIO	0201	Human Anatomy	5
BIO	0301	Human Physiology	4
BIO	0389 <i>or</i> 0390	Fundamentals of Experimental Design and Statistics <i>or</i> Research and Statistical Methods in Biology	3
PHYS	0162	Elementary College Physics II	4
BIO	0400	Biology Capstone	1
HS	0111	Medical Terminology	3
PSY	0200 <i>or</i> 0201 <i>or</i> 0205	Child Development <i>or</i> Adolescent Development <i>or</i> Child and Adolescent Development	3
PSY	0432	Abnormal Psychology	3
Upper Division Biology Elective			9

**Required General Education Courses (5 hours)**

KINE	0101	Lifetime Wellness (GE 5D)	2
Upper Division Humanities course (GE 5A)			3

**Elective Courses (20 hours)**

Upper Division Elective (any prefix)			16
Elective (any prefix, any level)			4

This completes the 60 hour requirement at MSSU.