

University of Missouri

Bachelor of Health Science in Health Sciences

Transfer Guide for Moberly Area Community College

This plan is intended only as a general guide based on requirements in current University of Missouri undergraduate catalog. Check the following web sites for current course descriptions, prerequisites, course equivalencies and other specific details about the health sciences degree:

- 1) College Catalog (<http://majors.missouri.edu>)
- 2) Transfer Admission (<http://transfer.missouri.edu>)
- 3) Transfer Equivalencies (<https://www.transferology.com/school/missouri> or <http://transfercourses.missouri.edu>)
- 4) Health Sciences (<http://shp.missouri.edu/hs/index.php>)

Students interested in health science administration are encouraged to take a management course and an economics course if available at the community college before transferring to Mizzou. Students interested in pursuing clinical graduate or professional programs after graduation should take science courses before transferring. The health sciences program offers four emphasis areas: health and wellness services, leadership and policy, pre-professional, and rehabilitation science. Students must select one of the four emphasis area.

For more information about the Health Sciences degree, call (573) 882-8011 or email umchpadvising@missouri.edu.

University of Missouri		Moberly Area Community College
COURSE	CREDITS	EQUIVALENT COURSE (CREDITS)
Mathematics (3 credits) <i>Must be completed with a grade of C- or better.</i>		
MATH 1100 College Algebra	3	MTH 140 College Algebra (3)
English Exposition and Argumentation (3 credits) <i>Must be completed with a grade of C- or better.</i>		
ENGLISH 1000 Argumentation and Exposition	3	LAL 102 Composition II (3)
Writing Intensive (6 credits) <i>Must be completed with a grade of C- or better.</i>		
*Writing Intensive course from anywhere in the curriculum	3	Must be taken at MU unless waived via completion of an AA degree.
HLTH SCI 3900 Intro to Research	3	Fulfilled with BHS core requirements at MU.
Biological, Physical, and Mathematical Sciences (9 credits)		
BIO SC 1010 & 1020 General Principles & Concepts of Biology or BIO SC 1500 Intro to Biological Systems with Lab- Please review specific emphasis interest to determine appropriate course.	5	BIO 101 Biology (4)
STAT 1200 Intro Statistical Reasoning or STAT 1300 Elementary Statistics (Fulfills MU's Math Reasoning Proficiency (MRP) requirement)	3	MTH 160 Elem Statistics (MRP) (3)
Physical Science	1-5	Select physical science from the general education list on page 4. Please review specific emphasis interest to determine appropriate course.
Behavioral and Social Sciences (9 credits)		
*State Requirement in Government or History	3	Select state requirement from the general education list on page 4.
Behavioral Science	3	Select behavioral science from the general education list on page 4.
HLTH SCI 3300 or HLTH SCI 4300	3	Fulfilled with BHS core requirements at MU.
*Humanities/Fine Arts (9 credits) <i>12 or more credits of a single foreign language may be used to fulfill this requirement.</i>		
Humanity 1- one humanities is fulfilled within the emphasis coursework	3	Select humanities from the general education list on page 4.
Humanity 2	3	
Humanity 3	3	
Upper Level General Education (6 credits) <i>At least one 2000-level or above course in 2 of the 3 areas (science, behavioral/social science, and humanities/fine arts)</i>		
<input checked="" type="checkbox"/> <i>The upper-level general education course may also count toward sciences or humanities.</i>		
HLTH SCI 3300 or HLTH SCI 4300	3	Fulfilled with BHS core requirements at MU.
*Upper Level Science or Humanity	3	Select a 200/2000-level science or humanity course from the general education list on page 2. Level is based upon the community college course number, NOT the MU equivalent.
Core Course Requirements (19-25 credits) <i>Must be completed with grades of C- or better. HLTH SCI 2100 requires a grade of S.</i>		
HLTH SCI 1000 Intro to Health Professions	3	No Equivalent
HLTH SCI 2100 Health Sciences Seminar	1	No Equivalent
HLTH SCI 3300 Public Health Principles and Practice	3	No Equivalent
HLTH SCI 3900 Intro to Research (WI)	3	No Equivalent
HLTH SCI 4300 Health Care in the United States	3	No Equivalent
HLTH SCI 4480 Clinical Ethics	3	No Equivalent
HLTH SCI 4975 Internship	1-6	No Equivalent
HLTH SCI 4985 Healthcare Leadership & Organization	3	No Equivalent
Health Sciences Electives (18 credits) <i>Must be completed with grades of C- or better. At least 9 credit hours must be 3000-level or above at MU. Students must complete coursework from two of the three areas: Social Behavioral, Medical/Biological, and Administrative/Leadership. Courses required for an emphasis area CANNOT be counted as Health Science Electives</i>		
Area 1: Social Behavioral	18	PSY 201 Child Growth & Develop (3) PSY 250H Abnormal Psych Honors (3)
Area 2: Medical/Biological		HSC 171 Medical Terminology (3) BIO 206 Microbiology (4) or MLT 280 Clinical Microbiology (5) BIO 205 Human Anatomy (4) BIO 209 Physiology (4)
Area 3: Administrative/Leadership		No Equivalent

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COURSE	CREDITS	EQUIVALENT COURSE (CREDITS)
Students must select one of the four emphasis.		
Emphasis in Rehabilitation Sciences Course Requirements (32 credits) <i>The following courses are required to fulfill the professional emphasis requirement for the health science degree with a rehabilitation sciences emphasis: (Must be completed with grades of C- or better.)</i>		
BIO_SC 1010 General Principles and Concepts of Biology	3	BIO 101 Biology (4)
BIO_SC 1020 General Biology Laboratory or BIO_SC 1500 Introduction to Biological Systems with Laboratory	2	BIO 101 Biology (4)
CDS 2190 Medical Terminology	3	HSC 171 Medical Terminology
CHEM 1320 College Chemistry I	4	PHY 121 Gen Chemistry I (5)
COMMUN 1200 Public Speaking	3	SPK 101 Public Speaking I (3)
H_D_FS 2400 Principles of Human Development	3	Any lifespan development course is acceptable – does not have to be a direct equivalency
MPP 3202 Elements of Physiology	4-5	No Equivalent
PHYSICS 1210 College Physics I	4	PHY 181 General Physics I (5)
PSYCH 1000 General Psychology	3	PSY 101 Gen Psychology (3)
PSYCH 2510 Survey of Abnormal Psychology	3	PSY 250 Abnormal Psych (3)
PTH_AS 2201 Human Anatomy Lecture & PTH_AS 2203 Human Anatomy Laboratory	4-5	BIO 205 Human Anatomy (4)
STAT 1200 Introductory Statistical Reasoning or STAT 1300 Elementary Statistics or ESC_PS 4170 Introduction to Applied Statistics	3	160 Elem Statistics (3)
Emphasis in Pre-Professional Course Requirements (43 credits) <i>The following courses are required to fulfill the professional emphasis requirement for the health science degree with a Pre-Professional Course emphasis: (Must be completed with grades of C- or better.)</i>		
BIO_SC 1500 Introduction to Biological Systems with Laboratory	5	No Equivalent
BIO_SC 2200 General Genetics	4	No Equivalent
CHEM 1320 College Chemistry I	4	PHY 121 Gen Chemistry I (5)
CHEM 1330 College Chemistry II	4	PHY 122 Gen Chemistry II (5)
CHEM 2030 Survey of Organic Chemistry or CHEM 2100 Organic Chemistry I	3	PHY 222 Organic Chem I (5)
MPP 3202 Elements of Physiology or BIO_SC 3700 Animal Physiology	4-5	No Equivalent
PHIL 2440 Medical Ethics	3	No Equivalent
PHYSICS 1210 College Physics I	4	PHY 181 General Physics I (5)
PSYCH 1000 General Psychology	3	PSY 101 Gen Psychology (3)
PTH_AS 2201 Human Anatomy Lecture & PTH_AS 2203 Human Anatomy Laboratory	4-5	BIO 205 Human Anatomy (4)
STAT 1200 Introductory Statistical Reasoning or STAT 1300 Elementary Statistics or ESC_PS 4170 Introduction to Applied Statistics	3	160 Elem Statistics (3)
Emphasis in Leadership & Policy Course Requirements (35 credits) <i>The following courses are required to fulfill the professional emphasis requirement for the health science degree with a policy and leadership emphasis: (Must be completed with grades of C- or better.)</i>		
BIO_SC 1010 General Principles and Concepts of Biology	3	BIO 101 Biology (4)
BIO_SC 1020 General Biology Laboratory or BIO_SC 1500 Introduction to Biological Systems with Lab	2	BIO 101 Biology (4)
CDS 2190 Medical Terminology	3	HSC 171 Medical Terminology
CHEM 1100 Atoms and Molecules with Lab or CHEM 1320 College Chemistry I	4	Or PHY 121 Gen Chemistry I (5)
COMMUN 1200 Public Speaking	3	SPK 101 Public Speaking I (3)
ECONOM 1014 Principles of Microeconomics or AG_EC 1041 Applied Microeconomics	3	ECN 102 Microeconomics (3)
HLTH_SCI 3400 Global Public Health and Health Care Systems	3	No Equivalent
HLTH_SCI 4400 Culture and Health Literacy for the Health Professions	3	No Equivalent
HLTH_SCI 4500 Health Care Management	3	No Equivalent
HLTH_SCI 4510 Essential Tools for the Health Care Leader: A Problem-Based Approach	3	No Equivalent
STAT 1200 Introductory Statistical Reasoning or STAT 1300 Elementary Statistics or ESC_PS 4170 Introduction to Applied Statistics	3	160 Elem Statistics (3)
One additional Biological Science course	3	NEP 2380, Microbiology, Human Anatomy, Human Physiology, or Infection Disease (Bio SC 2100)
Emphasis in Health & Wellness Services Course Requirements (23-24 credits) <i>The following courses are required to fulfill the professional emphasis requirement for the health science degree with a health and wellness services emphasis: (Must be completed with grades of C- or better.)</i>		
BIO_SC 1010 General Principles and Concepts of Biology	3	BIO 101 Biology (4)
BIO_SC 1020 General Biology Laboratory	2	BIO 101 Biology (4)

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COURSE	CREDITS	EQUIVALENT COURSE (CREDITS)
or BIO_SC 1500 Introduction to Biological Systems with Lab		
CDS 2190 Medical Terminology	3	HSC 171 Medical Terminology
COMMUN 1200 Public Speaking	3	SPK 101 Public Speaking I (3)
H_D_FS 2400 Principles of Human Development	3	Any lifespan development course is acceptable – does not have to be a direct equivalency.
HLTH_SCI 3400 Global Public Health and Health Care Systems	3	No Equivalent
STAT 1200 Introductory Statistical Reasoning or STAT 1300 Elementary Statistics or ESC_PS 4170 Introduction to Applied Statistics	3	160 Elem Statistics (3)
One additional Biological Science course	3	NEP 2380, Microbiology, Human Anatomy, Human Physiology, or Infection Disease (Bio SC 2100)
One upper-level Health Literacy Course	3	No Equivalent
Electives Choose electives to reach the total of 120 credits required for graduation.		
Total Hours for a BHS in Health Sciences	120	

*Requirement is automatically satisfied upon the completion of an Associate of Arts (AA) degree.

General Education Courses

Moberly Area Community College

– Equivalencies checked in Summer 2017 –

Moberly Area Community College Course	MU Equivalent	Moberly Area Community College Course	MU Equivalent
Behavioral Sciences			
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PSY 100 Interpers Relations (3)	PSYCH BEH	PSY 221 Psych of Personal Adjust (3)	PSYCH BEH
PSY 101 Gen Psychology (3)	PSYCH 1000	PSY 250 Abnormal Psych (3)	PSYCH 2510
PSY 201 Child Growth & Develop (3)	PSYCH 2410	SOC 101 Sociology (3)	SOCIOL 1000
PSY 205 Human Lifespan Develop (3)	PSYCH BEH	SOC 101H Sociology Honors (3)	SOCIOL 1000
PSY 210 Intro Social Psych (3)	PSYCH 2310	SOC 211 Soc of the Family (3)	SOCIOL 3420
PSY 215 Health Psych & Bio-Feedback (3)	PSYCH BEH	SOC 215 Social Deviance (3)	SOCIOL 1650
Humanities			
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ART 101 Art Surv & Apprec I (3)	AR_H_A 1110	LAL 250 Hist & Devlp Short Story (3)	ENGLISH LIT
ART 102 Art Surv & Apprec II (3)	AR_H_A 1120	LAL 251 Science Fiction (3)	ENGLISH LIT
ART 115 Cult Study in Art (3)	ART_GNRL HUM	LAL 252 Children's Lit (3)	ENGLISH LIT
DRM 115 Cult Studies Theater (3)	THEATR HUM	LAL 275 Classical Mythology (3)	CL_HUM 1060
DRM 120 Theater Appreciation (3)	THEATR 1100	MUS 101 Fund of Music (3)	MUSIC_NM 1211
GLS 201 Global Studies Sem (3)	MISC HUM	MUS 102 Music Appreciation (3)	MUSIC_NM 1310
LAL 120 Am Lit Survey to 1870 (3)	ENGLSH 2300	MUS 103 Hist of Rock n Roll (3)	MUSIC_NM HUM
LAL 121 Am Lit Survey 1870-Pres (3)	ENGLSH 2300	MUS 105 Music of America (3)	MUSIC_NM HUM
LAL 125 African-Amer Lit (3)	ENGLSH 2400	MUS 205 World Music (3)	MUSIC_NM 1313
LAL 125H Afri-Amer Lit Honors (3)	ENGLSH 2400	PHI 150 Intro to Philosophy (3)	PHIL 1000
LAL 130H Lit of the American South Honors (3)	ENGLSH LIT	PHI 150H Intro to Phil-Honors (3)	PHIL 1000
LAL 150 Eng Lit Survey to 1750 (3)	ENGLSH 2200	PHI 151 Intro to Logic (3)	PHIL 1200
LAL 151 Eng Lit 1750-Present (3)	ENGLSH 2200	PHI 152 Intro to Ethics (3)	PHIL 1100
LAL 151H Eng Lit Survey 1750-Present Hon (3)	ENGLSH 2200	PHI 153 Bioethics (3)	PHIL 1150
LAL 153 Intro Contemp Lit (3)	ENGLSH LIT	PHI 155 Intro to the Bible (3)	REL_ST HUM
LAL 210 Survey of Western Lit I (3)	ENGLSH LIT	PHI 157 War, Peace & Religion (3)	REL_ST HUM
LAL 211 Survey of West Lit II (3)	ENGLSH LIT	PHI 251 Religions of World (3)	REL_ST 2110
LAL 222 Masterpieces (3)	ENGLSH LIT	SPK 101 Public Speaking I (3)	COMMUN 1200
Social Sciences (◆=State Requirement)			
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ACC 110 Personal Finance (3)	FINANC 1000	HST 201 Amer Women, Amer Times (3)	HIST 2400
ECN 101 Macroeconomics (3)	ECONOM 1015	HST 201H Amer Women, Amer Times-Honors (3)	HIST 2400
ECN 102 Microeconomics (3)	ECONOM 1014	HST 215 Amer in Vietnam (3)	HIST SSC
GEO 101 World Geog I (3)	GEOG 1200	HST 215H Amer in Vietnam-Honors (3)	HIST SSC
GEO 102 World Geog II (3)	GEOG 1100	HST 220 Amer on Screen I (3)	HIST SSC
HST 101 Western Civ I (3)	HIST 1500	HST 221 Amer on Screen II (3)	HIST SSC
HST 102 Western Civ II (3)	HIST 1510	HST 230H Mod British Hist-Honors (3)	HIST 1550
◆HST 105 Amer Hist to 1865 (3)	HIST 1100	◆PSC 103 American Govt (5)	POL_SC 1100
◆HST 105H Amer Hist to 1865-Honors (3)	HIST 1100	◆PSC 105 Funct & Pol Am Govt (3)	POL_SC SSC_ST
◆HST 106 Amer Hist from 1865 (3)	HIST 1200	PSC 150 Internat Relations (3)	POL_SC 1400
◆HST 106H Amer Hist from 1865-Honors (3)	HIST 1200	PSC 201 British Pol/Soc (3)	POL_SC SSC
HST 150 AfricanAmer Hist I (3)	HIST SSC	SOC 205 Social Problems (3)	SOCIOL 3010
HST 151 AfricanAmer Hist II (3)	HIST SSC		
SCIENCES			
Biological Sciences (▲=Lab Course)			
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▲BIO 101 Biology (4)	BIO_SC 1030	▲BIO 151 Intro Plant Biol (5)	BIO_SC 1200
BIO 105 Intro Conserv Biol (3)	BIO_SC BIO	▲BIO 205 Human Anatomy (4)	MISC BIOL
BIO 105H Intro Conserv Biol (3)	BIO_SC BIO	▲BIO 206 Microbiology (4)	BIO_SC BIOL
▲BIO 150 Gen Zoology (5)	BIO_SC 1100	▲BIO 209 Physiology (4)	BIO_SC BIOL
Math Sciences (✚= Math Reasoning Proficiency)			
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✚MTH 160 Elem Statistics (MRP) (3)	STAT 1300	✚MTH 202 Analy Geom & Calc II (MRP) (5)	MATH 1700
✚MTH 201 Analy Geom & Calc I (MRP) (5)	MATH 1500	MTH 203 Analy Geom & Calc III (5)	MATH 2300
Physical Sciences (▲=Lab Course)			
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PHY 110 Surv of Mod Physics (3)	PHYSCS PSC	PHY 221 Quant Analysis (3-5)	CHEM PSC
▲PHY 120 Found Chemistry (5)	CHEM 1100	▲PHY 222 Organic Chem I (5)	CHEM 2030 & CHEM 2130
▲PHY 121 Gen Chemistry I (5)	CHEM 1320	PHY 260 Earth Science (3)	MISC PSC
▲PHY 122 Gen Chemistry II (5)	CHEM 1330	PHY 262 Gen Astronomy (3)	ASTRON PSC
▲PHY 125 Found of Physics (5)	PHYSCS PSCL	▲PHY 263 Geology (4)	GEOL 1100
▲PHY 201 College Physics I (5)	PHYSCS 2750	PHY 264 Atmospheric Sci (3)	ATM_SC 1050
▲PHY 202 College Physics II (5)	PHYSCS 2760		