

HEALTH SCIENCE MAJOR

Requires 56 sh; courses are 3 sh unless otherwise listed.

Required Core Courses (29 semester hours)

- ___ BIO 111 Principles of Biology (N,W) (4 sh)
- ___ BIO 264 Human Anatomy and Physiology I (4 sh)
- ___ BIO 265 Human Anatomy and Physiology II (4 sh)
- ___ HCA 101 Introduction to Health Care Administration
- ___ INT 222 Social Science Statistics (Q) OR PSYC 250 Behavioral Statistics (Q) OR *MATH 233 Statistical Methods (Q)*
- ___ PSYC 101 Psychology as a Natural Science (N) (4 sh) OR PSYC 111 Introduction to Psychology as a Social Science
- ___ HSCI 150 Introduction to Health Professions (2 sh)
- ___ HSCI 180 Medical Terminology (2 sh)
- ___ HSCI 401 Research Methods and Evidence-based Practice (M) (2 sh)++
- ___ HSCI 402 Senior Project (M) (1 sh)++

OR VCCS Course

- ___ BIO 101
- ___ BIO 141 or BIO 231
- ___ BIO 142 or BIO 232
- _____
- ___ MTH 157/155, MTH 240, 241/245, or PSY 213 or BUS 221
- ___ PSY 200, 201 OR 202
- _____
- ___ HLT 143 (3 sh)
- ___ N/A
- ___ N/A

Major Electives (27 semester hours)

A minimum of 27 credit hours from any of the courses listed below. At least three credit hours from any of the courses listed below must be at the 300 level and an additional twelve credit hours from any of the courses listed below must be at the 200 level or above.

At least 6 hours in Biology from the following courses:

- ___ *BIOL 112 Diversity of Life (N)* BIO 102
- ___ CHEM 120** Nutrition for Health, Fitness, and Sport (N) DIT 121
- ___ BIOL 151 Human Health and Disease (N) BIO 145
- ___ *BIOL/CHEM 191** Course-based Research Experience (R)* N/A
- ___ *BIOL 222 Genetics (4 sh)* BIO 256
- ___ *BIOL 224 Cell Biology (4 sh)* BIO 206
- ___ BIOL 252 Biology of Women (G) _____
- ___ *BIOL 255 Microbiology (4 sh)* BIO 205
- ___ HCA 261 Epidemiology (Q) _____
- ___ HSCI 206 Introduction to Pharmacology HLT 250
- ___ PSYC 305* Physiological Psychology (W) _____
- ___ *CHEM 324** Biochemistry I* _____
- ___ *CHEM 325** Biochemistry II (4 sh)* _____
- ___ *BIOL 327 Immunology* BIO 220
- ___ *BIOL 351 Exercise Physiology* _____

At least 3 hours in Chemistry from the following courses:

- ___ CHEM 120** Nutrition for Health, Fitness, and Sport (N) DIT 121
- ___ *CHEM 121 General Chemistry I (NQ) (4 sh)* CHM 111 OR CHM 121
- ___ *CHEM 122 General Chemistry II (Q) (4 sh)* CHM 112 OR CHM 122

_____ BIOL/CHEM 191* Course-based Research Experience	N/A
_____ CHEM 221 <i>Organic Chemistry I</i> (4 sh)	CHM 241
_____ CHEM 222 <i>Organic Chemistry II</i> (R)(4 sh)	CHM 242
_____ CHEM 324** <i>Biochemistry I</i>	CHM 260
_____ CHEM 325** <i>Biochemistry II</i> (4 sh)	_____

At least 6 hours of coursework from the following courses:

_____ ANTH 120 Cultural Anthropology (S)	SOC 211
_____ ANTH 208 Medical Anthropology (I)	_____
_____ COMM 280 Intercultural Communication (I)	CST 229
_____ SOC 100 General Sociology (S)	SOC 200
_____ SOC 205 Death and Dying (T)	SOC 247, PSY 116 OR HMS 106
_____ SOC 260 Medical Sociology	SOC 207
_____ SOWK 124 Aging	HMS 236 or 238
_____ ED 212 Lifespan Development	PSY 230, 231, or 232
_____ PSYC 203 Abnormal Psychology (S)	PSY 215
_____ PSYC 210 Child Psychology (S)	PSY 235
_____ PSYC 211 Adolescent Psychology (S)	PSY 236
_____ PSYC 212 Cognition and Cognitive Neuroscience (R)	_____
_____ PSYC 215 Health Psychology	PSY 240
_____ PSYC 305* Physiological Psychology (W)	_____
_____ PSYC 307 Drugs and Behavior (T)	_____
_____ PSYC 311 Psychology of Adult Development	PSY 237
_____ PSYC 313 Applied Behavior Analysis	_____

Other Major Electives:

_____ EXSS 101 <i>Introduction to Exercise Science</i>	_____
_____ EXLD 245 <i>Motor Learning</i>	_____
_____ EXLD 251 <i>Exercise Testing and Training</i>	_____
_____ EXLD 350 <i>Exercise for Special Populations</i>	_____
_____ HCA 125 Introduction to Public Health	_____
_____ HCA 225 Public Health Issues	_____
_____ HCA 230 Medical and Health Care Ethics	_____
_____ HCA 235 Women's Health Care Issues (G)(W)	_____
_____ HCA 240 Long-Term Care Administration	_____
_____ HCA 245 Health Care Policy and Politics	_____
_____ HCA 250 Global Health (I)	_____
_____ PHE 221 <i>Emergency Health Care</i>	_____
_____ PHYS 201 <i>General Physics I</i> (N) (4 sh)	PHY 201 or 241
_____ PHYS 202 <i>General Physics II</i> (N) (4 sh)	PHY 202 or 242
_____ MATH 211 Introduction to Calculus and Analytic Geometry I	MTH 261, 263, 271 or 273
_____ MATH 212 Introduction to Calculus and Analytic Geometry II	MTH 262, 264, 272 or 274

++Students must have both HSCI 401 and 402 for (M) credit

**May count for either Biology or Chemistry, but not both.

*May count for either Biology or Social Science, but not both.

Requirements for Bachelor of Science in Health Sciences

Students who plan to complete BS degree must take the following courses as part of their core or elective requirements within the health science major, or as additional courses:

____ Two 200 or 300 level MATH courses	MTH 200 level courses
____ <i>CHEM 121 General Chemistry I</i> (N) (4 sh)	CHM 111 OR CHM 121
____ <i>CHEM 122 General Chemistry II</i> (N) (4 sh)	CHM 112 OR CHM 122
____ At least one two 200- or 300-level lab courses in from the Biology, Chemistry or Physics courses listed in the health science electives	See courses above

Courses in italics are not taught online through Mary Baldwin University, but may be taken in Staunton or transferred from another institution.

18 s.h in the major must be from Mary Baldwin University. Transfer courses do not necessarily carry the same Learning Outcome Designations for the Common Curriculum

Graduate school advising is available from the department. Contact your advisor.

Health Science Major Tracks

These tracks are for advising only and are not declared with the health science major.

Pre-medical and pre-dental track in Health Science

Requirements for Bachelor of Arts in Health Science

56 semester hours

For more information visit: <https://go.marybaldwin.edu/academics/health-sciences/>

Required Core Courses (29 credit hours)	Completed	Planned
BIOL 111 Principles of Biology		
BIOL 264 Human Anatomy and Physiology I		
BIOL 265 Human Anatomy and Physiology II		
HCA 101 Introduction to Health Care Administration		
INT 222 Social Science Statistics OR Psych 250 Behavioral Statistics OR Math 233 Statistical Methods and Theory I		
PSYC 101 Introduction to Psychology as a Natural Science OR PSYC 111 Introduction to Psychology as a Social Science		
HSCI 150 Introduction to Health Professions		
HSCI 180 Medical Terminology		
HSCI 401 Research methods and evidence-based practice		
HSCI 402 Senior project in health science		

Electives that are required prerequisite courses for graduate medical or dental programs are highlighted.

Electives		
A minimum of 27 credit hours from any of the courses listed below. At least three credit hours from any of the courses listed below must be at the 300 level and an additional twelve credit hours from any of the courses listed below must be at the 200 level or above.		
<i>At least 6 hours in Biology from the following courses:</i>		
	Completed	Planned
BIOL 112 Diversity of Life		
CHEM 120* Nutrition for Health, Fitness, and Sport		
BIOL 151 Human Health and Disease		
BIOL/CHEM 191* Course-based Research Experience		
BIOL 222 Genetics		
BIOL 224 Cell Biology		
BIOL 252 Biology of Women		
BIOL 255 Microbiology		
HCA 261 Epidemiology		
HSCI 206 Introduction to Pharmacology		
PSYC 305 Physiological Psychology		
BIOL 324* Biochemistry I		
BIOL 325* Biochemistry II		
BIOL 327 Immunology		

BIOL 351 Exercise Physiology		
* May count for either BIOL or CHEM, but not both.		
<i>At least 3 hours in Chemistry from the following courses:</i>	Completed	Planned
CHEM 120* Nutrition for Health, Fitness and Sport		
CHEM 121 General Chemistry I		
BIOL/CHEM 191* Course-based Research Experience		
CHEM 122 General Chemistry II		
CHEM 221 Organic Chemistry I		
CHEM 222 Organic Chemistry II		
CHEM 324* Biochemistry I		
CHEM 325* Biochemistry II		
* May count for either BIOL or CHEM, but not both.		
<i>At least 6 hours of coursework from the following courses:</i>	Completed	Planned
ANTH 120 Cultural Anthropology		
ANTH 208 Medical Anthropology		
COMM 280 Intercultural Communication		
SOC 100 General Sociology		
SOC 205 Death and Dying		
SOC 260 Medical Sociology		
SOWK 124 Aging		
ED 212 Lifespan Development		
PSYC 203 Abnormal Psychology		
PSYC 210 Child Psychology		
PSYC 211 Adolescent Psychology		
PSYC 212 Cognition and Cognitive Neuroscience		
PSYC 215 Health Psychology		
PSYC 305 Physiological Psychology		
PSYC 307 Drugs and Behavior		
PSYC 311 Psychology of Adult Development		
PSYC 313 Applied Behavior Analysis		
<i>Other major electives that can be taken to fulfill the total elective hours, as well as the 200 or 300 level elective requirement:</i>	Completed	Planned
EXSS 101 Introduction to Exercise Science		
EXLD 245 Motor Learning		
EXLD 251 Exercise Testing and Training		
EXLD 350 Exercise for Special Populations		
HCA 125 Introduction to Public Health		
HCA 225 Public Health Issues		
HCA 230 Medical and Health Care Ethics		
HCA 235 Women's Health Care Issues		
HCA 240 Long-Term Care Administration		
HCA 245 Health Care Policy and Politics		

HCA 250 Global Health		
PHE 221 Emergency Health Care		
PHYS 201 General Physics I		
PHYS 202 General Physics II		
MATH 211 Introduction to Calculus and Analytic Geometry I		
MATH 212 Introduction to Calculus and Analytic Geometry II		

Requirements for Bachelor of Science in Health Science		
<i>Students who plan to complete BS degree must take the following courses as part of their core or elective requirements within the health science major, or as additional courses:</i>	Completed	Planned
Two 200 or 300 level MATH courses		
CHEM 121 General Chemistry I and 122 General Chemistry II		
At least two 200- or 300-level lab courses in from the Biology, Chemistry or Physics courses listed in the health science electives		

Pre-PA track in Health Science

Requirements for Bachelor of Arts in Health Science

56 semester hours

For more information visit: <https://go.marybaldwin.edu/academics/health-sciences/>

Required Core Courses (29 credit hours)	Completed	Planned
BIOL 111 Principles of Biology		
BIOL 264 Human Anatomy and Physiology I		
BIOL 265 Human Anatomy and Physiology II		
HCA 101 Introduction to Health Care Administration		
INT 222 Social Science Statistics OR Psych 250 Behavioral Statistics OR Math 233 Statistical Methods and Theory I		
PSYC 101 Introduction to Psychology as a Natural Science OR PSYC 111 Introduction to Psychology as a Social Science		
HSCI 150 Introduction to Health Professions		
HSCI 180 Medical Terminology		
HSCI 401 Research methods and evidence-based practice		
HSCI 402 Senior project in health science		

Electives that are required prerequisite courses for graduate PA programs are highlighted.

Electives		
A minimum of 27 credit hours from any of the courses listed below. At least three credit hours from any of the courses listed below must be at the 300 level and an additional twelve credit hours from any of the courses listed below must be at the 200 level or above.		
<i>At least 6 hours in Biology from the following courses:</i>		
	Completed	Planned
BIOL 112 Diversity of Life		
CHEM 120* Nutrition for Health, Fitness, and Sport		
BIOL 151 Human Health and Disease		
BIOL/CHEM 191 Course-based Research Experience*		
BIOL 222 Genetics		
BIOL 224 Cell Biology		
BIOL 252 Biology of Women		
BIOL 255 Microbiology		
HCA 261 Epidemiology		
HSCI 206 Introduction to Pharmacology		
PSYC 305 Physiological Psychology		
CHEM 324* Biochemistry I		
CHEM 325* Biochemistry II		
BIOL 327 Immunology		
BIOL 351 Exercise Physiology		
* May count for either BIOL or CHEM, but not both.		

<i>At least 3 hours in Chemistry from the following courses:</i>	Completed	Planned
CHEM 120* Nutrition for Health, Fitness and Sport		
CHEM 121 General Chemistry I		
BIOL/CHEM 191 Course-based Research Experience*		
CHEM 122 General Chemistry II		
CHEM 221 Organic Chemistry I		
CHEM 222 Organic Chemistry II		
CHEM 324* Biochemistry I		
CHEM 325* Biochemistry II		
* May count for either BIOL or CHEM, but not both.		
<i>At least 6 hours of coursework from the following courses:</i>	Completed	Planned
ANTH 120 Cultural Anthropology		
ANTH 208 Medical Anthropology		
COMM 280 Intercultural Communication		
SOC 100 General Sociology		
SOC 205 Death and Dying		
SOC 260 Medical Sociology		
SOWK 124 Aging		
ED 212 Lifespan Development (or the student can take PSYC 210, 211 and 311)		
PSYC 203 Abnormal Psychology		
PSYC 210 Child Psychology		
PSYC 211 Adolescent Psychology		
PSYC 212 Cognition and Cognitive Neuroscience		
PSYC 215 Health Psychology		
PSYC 305 Physiological Psychology		
PSYC 307 Drugs and Behavior		
PSYC 311 Psychology of Adult Development		
PSYC 313 Applied Behavior Analysis		
<i>Other major electives that can be taken to fulfill the total elective hours, as well as the 200 or 300 level elective requirement:</i>	Completed	Planned
EXSS 101 Introduction to Exercise Science		
EXLD 245 Motor Learning		
EXLD 251 Exercise Testing and Training		
EXLD 350 Exercise for Special Populations		
HCA 125 Introduction to Public Health		
HCA 225 Public Health Issues		
HCA 230 Medical and Health Care Ethics		
HCA 235 Women's Health Care Issues		
HCA 240 Long-Term Care Administration		
HCA 245 Health Care Policy and Politics		
HCA 250 Global Health		
PHE 221 Emergency Health Care		
PHYS 201 General Physics I		

PHYS 202 General Physics II		
MATH 211 Introduction to Calculus and Analytic Geometry I		
MATH 212 Introduction to Calculus and Analytic Geometry II		

Requirements for Bachelor of Science in Health Science		
<i>Students who plan to complete BS degree must take the following courses as part of their core or elective requirements within the health science major, or as additional courses:</i>	Completed	Planned
Two 200 or 300 level MATH courses		
CHEM 121 General Chemistry I and 122 General Chemistry II		
At least two 200- or 300-level lab courses in from the Biology, Chemistry or Physics courses listed in the health science electives		

Pre-PT track in Health Science

Requirements for Bachelor of Arts in Health Science

56 semester hours

For more information visit: <https://go.marybaldwin.edu/academics/health-sciences/>

Required Core Courses (29 credit hours)	Completed	Planned
BIOL 111 Principles of Biology		
BIOL 264 Human Anatomy and Physiology I		
BIOL 265 Human Anatomy and Physiology II		
HCA 101 Introduction to Health Care Administration		
INT 222 Social Science Statistics OR Psych 250 Behavioral Statistics OR Math 233 Statistical Methods and Theory I		
PSYC 101 Introduction to Psychology as a Natural Science OR PSYC 111 Introduction to Psychology as a Social Science		
HSCI 150 Introduction to Health Professions		
HSCI 180 Medical Terminology		
HSCI 401 Research methods and evidence-based practice		
HSCI 402 Senior project in health science		

Electives that are required prerequisite courses for graduate PT programs are highlighted.

Electives		
A minimum of 27 credit hours from any of the courses listed below. At least three credit hours from any of the courses listed below must be at the 300 level and an additional twelve credit hours from any of the courses listed below must be at the 200 level or above.		
<i>At least 6 hours in Biology from the following courses:</i>	Completed	Planned
BIOL 112 Diversity of Life		
CHEM 120* Nutrition for Health, Fitness, and Sport		
BIOL 151 Human Health and Disease		
BIOL/CHEM 191* Course-based Research Experience		
BIOL 222 Genetics		
BIOL 224 Cell Biology		
BIOL 252 Biology of Women		
BIOL 255 Microbiology		
HCA 261 Epidemiology		
HSCI 206 Introduction to Pharmacology		
PSYC 305 Physiological Psychology		
BIOL 324* Biochemistry I		
BIOL 325* Biochemistry II		
BIOL 327 Immunology		
BIOL 351 Exercise Physiology		
* May count for either BIOL or CHEM, but not both.		
<i>At least 3 hours in Chemistry from the following courses:</i>	Completed	Planned

CHEM 120* Nutrition for Health, Fitness and Sport		
CHEM 121 General Chemistry I		
CHEM 122 General Chemistry II		
BIOL/CHEM 191* Course-based Research Experience		
CHEM 221 Organic Chemistry I		
CHEM 222 Organic Chemistry II		
CHEM 324* Biochemistry I		
CHEM 325* Biochemistry II		
* May count for either BIOL or CHEM, but not both.		
<i>At least 6 hours of coursework from the following courses:</i>	Completed	Planned
ANTH 120 Cultural Anthropology		
ANTH 208 Medical Anthropology		
COMM 280 Intercultural Communication		
SOC 100 General Sociology		
SOC 205 Death and Dying		
SOC 260 Medical Sociology		
SOWK 124 Aging		
ED 212 Lifespan Development (<i>or the student can take PSYC 210, 211 and/or 311</i>)		
PSYC 203 Abnormal Psychology		
PSYC 210 Child Psychology		
PSYC 211 Adolescent Psychology		
PSYC 212 Cognition and Cognitive Neuroscience		
PSYC 215 Health Psychology		
PSYC 305 Physiological Psychology		
PSYC 307 Drugs and Behavior		
PSYC 311 Psychology of Adult Development		
PSYC 313 Applied Behavior Analysis		
<i>Other major electives that can be taken to fulfill the total elective hours, as well as the 200 or 300 level elective requirement:</i>	Completed	Planned
EXSS 101 Introduction to Exercise Science		
EXLD 245 Motor Learning		
EXLD 251 Exercise Testing and Training		
EXLD 350 Exercise for Special Populations		
HCA 125 Introduction to Public Health		
HCA 225 Public Health Issues		
HCA 230 Medical and Health Care Ethics		
HCA 235 Women's Health Care Issues		
HCA 240 Long-Term Care Administration		
HCA 245 Health Care Policy and Politics		
HCA 250 Global Health		
PHE 221 Emergency Health Care		
PHYS 201 General Physics I (<i>MATH 211 is a pre- or co-requisite course</i>)		
PHYS 202 General Physics II (<i>MATH 212 is a pre- or co-requisite course</i>)		

MATH 211 Introduction to Calculus and Analytic Geometry I		
MATH 212 Introduction to Calculus and Analytic Geometry II		

Requirements for Bachelor of Science in Health Science		
<i>Students who plan to complete BS degree must take the following courses as part of their core or elective requirements within the health science major, or as additional courses:</i>	Completed	Planned
Two 200 or 300 level MATH courses		
CHEM 121 General Chemistry I and 122 General Chemistry II		
At least two 200- or 300-level lab courses in from the Biology, Chemistry or Physics courses listed in the health science electives		

Pre-OT track in Health Science

Requirements for Bachelor of Arts in Health Science

56 semester hours

For more information visit: <https://go.marybaldwin.edu/academics/health-sciences/>

Required Core Courses (29 credit hours)	Completed	Planned
BIOL 111 Principles of Biology		
BIOL 264 Human Anatomy and Physiology I		
BIOL 265 Human Anatomy and Physiology II		
HCA 101 Introduction to Health Care Administration		
INT 222 Social Science Statistics OR Psych 250 Behavioral Statistics OR Math 233 Statistical Methods and Theory I		
PSYC 101 Introduction to Psychology as a Natural Science OR PSYC 111 Introduction to Psychology as a Social Science		
HSCI 150 Introduction to Health Professions		
HSCI 180 Medical Terminology		
HSCI 401 Research methods and evidence-based practice		
HSCI 402 Senior project in health science		

Electives that are required prerequisite courses for graduate OT programs are highlighted.

Electives		
A minimum of 27 credit hours from any of the courses listed below. At least three credit hours from any of the courses listed below must be at the 300 level and an additional twelve credit hours from any of the courses listed below must be at the 200 level or above.		
<i>At least 6 hours in Biology from the following courses:</i>		
	Completed	Planned
BIOL 112 Diversity of Life		
CHEM 120* Nutrition for Health, Fitness, and Sport		
BIOL 151 Human Health and Disease		
BIOL/CHEM 191* Course-based Research Experience		
BIOL 222 Genetics		
BIOL 224 Cell Biology		
BIOL 252 Biology of Women		
BIOL 255 Microbiology		
HCA 261 Epidemiology		
HSCI 206 Introduction to Pharmacology		
PSYC 305 Physiological Psychology		
BIOL 324* Biochemistry I		
BIOL 325* Biochemistry II		
BIOL 327 Immunology		
BIOL 351 Exercise Physiology		
* May count for either BIOL or CHEM, but not both.		

<i>At least 3 hours in Chemistry from the following courses:</i>	Completed	Planned
CHEM 120* Nutrition for Health, Fitness and Sport		
CHEM 121 General Chemistry I		
CHEM 122 General Chemistry II		
BIOL/CHEM 191* Course-based Research Experience		
CHEM 221 Organic Chemistry I		
CHEM 222 Organic Chemistry II		
CHEM 324* Biochemistry I		
CHEM 325* Biochemistry II		
* May count for either BIOL or CHEM, but not both.		
<i>At least 6 hours of coursework from the following courses:</i>	Completed	Planned
ANTH 120 Cultural Anthropology	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> At least one of these 3 classes </div>	
ANTH 208 Medical Anthropology		
SOC 100 General Sociology		
SOC 205 Death and Dying		
SOC 260 Medical Sociology		
COMM 280 Intercultural Communication		
SOWK 124 Aging		
ED 212 Lifespan Development <i>(or the student can take PSYC 210, 211 and 311)</i>		
PSYC 203 Abnormal Psychology		
PSYC 210 Child Psychology		
PSYC 211 Adolescent Psychology		
PSYC 212 Cognition and Cognitive Neuroscience		
PSYC 215 Health Psychology		
PSYC 305 Physiological Psychology		
PSYC 307 Drugs and Behavior		
PSYC 311 Psychology of Adult Development		
PSYC 313 Applied Behavior Analysis		
<i>Other major electives that can be taken to fulfill the total elective hours, as well as the 200 or 300 level elective requirement:</i>	Completed	Planned
EXSS 101 Introduction to Exercise Science		
EXLD 245 Motor Learning		
EXLD 251 Exercise Testing and Training		
EXLD 350 Exercise for Special Populations		
HCA 125 Introduction to Public Health		
HCA 225 Public Health Issues		
HCA 230 Medical and Health Care Ethics		
HCA 235 Women's Health Care Issues		
HCA 240 Long-Term Care Administration		
HCA 245 Health Care Policy and Politics		
HCA 250 Global Health		
PHE 221 Emergency Health Care		
PHYS 201 General Physics I <i>(recommended, but not required; MATH 211 is a pre- or</i>		

<i>co-requisite)</i>		
PHYS 202 General Physics II		
MATH 211 Introduction to Calculus and Analytic Geometry I		
MATH 212 Introduction to Calculus and Analytic Geometry II		

Requirements for Bachelor of Science in Health Science		
<i>Students who plan to complete BS degree must take the following courses as part of their core or elective requirements within the health science major, or as additional courses:</i>	Completed	Planned
Two 200 or 300 level MATH courses		
CHEM 121 General Chemistry I and 122 General Chemistry II		
At least two 200- or 300-level lab courses in from the Biology, Chemistry or Physics courses listed in the health science electives		

Pre-chiropractic track in Health Science

Requirements for Bachelor of Arts in Health Science

56 semester hours

For more information visit: <https://go.marybaldwin.edu/academics/health-sciences/>

Required Core Courses (29 credit hours)	Completed	Planned
BIOL 111 Principles of Biology		
BIOL 264 Human Anatomy and Physiology I		
BIOL 265 Human Anatomy and Physiology II		
HCA 101 Introduction to Health Care Administration		
INT 222 Social Science Statistics OR Psych 250 Behavioral Statistics OR Math 233 Statistical Methods and Theory I		
PSYC 101 Introduction to Psychology as a Natural Science OR PSYC 111 Introduction to Psychology as a Social Science		
HSCI 150 Introduction to Health Professions		
HSCI 180 Medical Terminology		
HSCI 401 Research methods and evidence-based practice		
HSCI 402 Senior project in health science		

Electives that are required prerequisite courses for graduate chiropractic programs are highlighted.

Electives		
A minimum of 27 credit hours from any of the courses listed below. At least three credit hours from any of the courses listed below must be at the 300 level and an additional twelve credit hours from any of the courses listed below must be at the 200 level or above.		
<i>At least 6 hours in Biology from the following courses:</i>		
	Completed	Planned
BIOL 112 Diversity of Life		
CHEM 120* Nutrition for Health, Fitness, and Sport		
BIOL 151 Human Health and Disease		
BIOL/CHEM 191* Course-based Research Experience		
BIOL 222 Genetics		
BIOL 224 Cell Biology		
BIOL 252 Biology of Women		
BIOL 255 Microbiology		
HCA 261 Epidemiology		
HSCI 206 Introduction to Pharmacology		
PSYC 305 Physiological Psychology		
BIOL 324* Biochemistry I		
BIOL 325* Biochemistry II		
BIOL 327 Immunology		
BIOL 351 Exercise Physiology		
* May count for either BIOL or CHEM, but not both.		

<i>At least 3 hours in Chemistry from the following courses:</i>	Completed	Planned
CHEM/BIO 120* Nutrition for Health, Fitness and Sport		
CHEM 121 General Chemistry I		
CHEM 122 General Chemistry II		
BIO/CHEM 191* Course-based Research Experience		
CHEM 221 Organic Chemistry I		
CHEM 222 Organic Chemistry II		
CHEM 324* Biochemistry I		
CHEM 325* Biochemistry II		
* May count for either BIO or CHEM, but not both.		
<i>At least 6 hours of coursework from the following courses:</i>	Completed	Planned
ANTH 120 Cultural Anthropology		
ANTH 208 Medical Anthropology		
COMM 280 Intercultural Communication		
SOC 100 General Sociology		
SOC 205 Death and Dying		
SOC 260 Medical Sociology		
SOWK 124 Aging		
ED 212 Lifespan Development		
PSYC 203 Abnormal Psychology		
PSYC 210 Child Psychology		
PSYC 211 Adolescent Psychology		
PSYC 212 Cognition and Cognitive Neuroscience		
PSYC 215 Health Psychology		
PSYC 305 Physiological Psychology		
PSYC 307 Drugs and Behavior		
PSYC 311 Psychology of Adult Development		
PSYC 313 Applied Behavior Analysis		
<i>Other major electives that can be taken to fulfill the total elective hours, as well as the 200 or 300 level elective requirement:</i>	Completed	Planned
EXSS 101 Introduction to Exercise Science		
EXLD 245 Motor Learning		
EXLD 251 Exercise Testing and Training		
EXLD 350 Exercise for Special Populations		
HCA 125 Introduction to Public Health		
HCA 225 Public Health Issues		
HCA 230 Medical and Health Care Ethics		
HCA 235 Women's Health Care Issues		
HCA 240 Long-Term Care Administration		
HCA 245 Health Care Policy and Politics		
HCA 250 Global Health		
PHE 221 Emergency Health Care		
PHYS 201 General Physics I		

PHYS 202 General Physics II		
MATH 211 Introduction to Calculus and Analytic Geometry I		
MATH 212 Introduction to Calculus and Analytic Geometry II		

Requirements for Bachelor of Science in Health Science		
<i>Students who plan to complete BS degree must take the following courses as part of their core or elective requirements within the health science major, or as additional courses:</i>	Completed	Planned
Two 200 or 300 level MATH courses		
CHEM 121 General Chemistry I and 122 General Chemistry II		
At least two 200- or 300-level lab courses in from the Biology, Chemistry or Physics courses listed in the health science electives		