

Healthcare and Business Graduation Requirements

(students entering Fall 2023 and beyond)

Table 1 Core Courses required for all Butler graduates

Core requirements	Transfer credit	Enrolled	Completed
FYS 101 (<i>First Year Seminar</i> ; 3 hrs) or HN 110 (<i>Honors FYS</i> ; 4 hrs)			
FYS 102 (<i>First Year Seminar</i> ; 3 hrs) or HN 111 (<i>Honors FYS</i> ; 4 hrs)			
PCA (<i>Perspectives in the Creative Arts</i> ; 3 hrs)			
TI (<i>Text & Ideas</i> ; 3 hrs)			
AR (<i>Analytical Reasoning</i> ; 3 hrs) <i>should be satisfied via MA 125 or MA 106</i>			
GHS (<i>Global & Historical Studies</i> ; 3 hrs)			
GHS (<i>Global & Historical Studies</i> ; 3 hrs)			
SW (<i>Social World</i> ; 3 hrs)			
PWB (<i>Physical Well-Being</i> ; 1 hr)			
BCR (<i>Butler Cultural Requirement</i> ; 8 events)	X	X	

Table 2. Health related courses required for Healthcare & Business majors.

BSSH requirements	Transfer credit	Enrolled	Completed
BSSH 110 <i>Introduction to Healthcare</i> ; 3 hrs (<i>satisfies SJD core requirement</i>)			
BSSH 215 <i>Medical Terminology</i> ; 2 hrs			
BSSH 225 <i>Interprofessional Health Education</i> ; 2 hrs			
BSSH 230 <i>Healthcare Systems & Policy</i> ; 2 hrs			
BSSH 290 <i>Exploring Public Health</i> ; 3 hrs			
BSSH 340 <i>Healthcare Communications</i> ; 3 hrs			
BSSH 360 <i>Healthcare Ethics</i> ; 3 hrs			
BSSH 350 <i>Health Disparities</i> ; 3 hrs (<i>satisfies ICR core requirement</i>)			
BSSH 430 <i>Healthcare Quality & Improvement</i> ; 2 hrs			
BSSH 460 <i>Evidence-Based Healthcare</i> ; 3 hrs			

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(students entering Fall 2023 and beyond)

Table 3. Explore. Prepare. Succeed.

EPS course series – beginning Fall 2022 every student must enroll in the appropriate BSHS 300 section every semester they are in the major.	Transfer credit	Enrolled	Completed
BSHS 300-01 <i>EPS First-year Fall</i> ; 0.5 hrs			
BSHS 300-01 <i>EPS First-year Spring</i> ; 0.5 hrs			
BSHS 300-02 <i>EPS Sophomore Fall</i> ; 0.5 hrs			
BSHS 300-02 <i>EPS Sophomore Spring</i> ; 0.5 hrs			
BSHS 300-03 <i>EPS Junior Fall</i> ; 0.5 hrs			
BSHS 300-03 <i>EPS Junior Spring</i> ; 0.5 hrs			
BSHS 300-04 <i>EPS Senior Fall</i> ; 0.5 hrs			
BSHS 300-04 <i>EPS Senior Spring</i> ; 0.5 hrs			
BSHS 300-05 <i>EPS Transfer students initial term</i> ; 0.5 hrs <i>(Transfer students only, first-term in major. Takes place of prior EPS course requirements. Second term enroll as normal.)</i>			

Table 4. Business Course requirements

	Transfer credit	Enrolled	Completed
MS 100 <i>Excel Skills</i> ; 2 hr			
EI 201 <i>Real Business Experience</i> ; 3hrs			
EC 231 <i>Microeconomics</i> ; 3hrs			
EC 346 <i>Healthcare Economics</i> ; 3 hrs <i>Note: EC231 is prerequisite</i>			
AC 203 <i>Accounting 1</i> ; 3hrs			
AC 204 <i>Accounting 2</i> ; 3hrs			
MS 264 <i>Statistics</i> or MA 162 <i>Elementary Statistics</i> ; 3hrs			
MS 265 <i>Information Technology</i> ; 3hrs			
MK 380 <i>Introduction to Marketing</i> ; 3hrs			
MK 386 <i>Healthcare Marketing</i> ; 3hrs			
MS 377 <i>Healthcare Information & Technology Management</i> ; 3hrs			
RM 350 <i>Introduction to Risk Management</i> ; 3hrs <i>Note: AC203, EC231, MS264 are prerequisites</i>			

Healthcare and Business Graduation Requirements

(students entering Fall 2023 and beyond)

Table 5. Science courses required for Healthcare & Business majors

Science Requirements	Transfer credit	Enrolled	Completed
CH 105 <i>General Chemistry I</i> ; 4 hrs or			
CH 107 <i>General Chemistry</i> ; 5 hrs (<i>advanced 1 semester alternative to CH 105 and CH 106</i>)			
CH 106 <i>General Chemistry 2</i> ; 4 hrs			
BI 105 <i>Cell Biology</i> ; 3 hrs (<i>taken by most healthcare and business majors</i>) or			
BI 220 <i>Cell Biology</i> ; 4 hrs (<i>often taken by pre-medical students; Note: BI 210 is prereq</i>)			
PX 326 <i>Human Anatomy & Physiology I</i> ; 4 hrs or			
BSHS 334 <i>Human Anatomy & Physiology I with lab</i> ; 5 hrs			
PX 327 <i>Human Anatomy & Physiology 2</i> ; 4 hrs or			
BSHS 335 <i>Human Anatomy & Physiology 2 with lab</i> ; 5 hrs			

Table 6. Elective courses*#

Electives courses – <i>at least 12 hrs required</i> (<i>at least 3 elective hrs must be from courses outside of LSB & no more than 6 elective hrs may double count with any declared minor</i>)	Hrs	Transfer credit	Enrolled	Completed
Total credits: _____				

*Please see *Approved Elective Choices for Health Sciences Majors* below for a list of Butler University courses approved as electives for Health Science majors.

#Please see descriptions below for *Optional Concentrations for Healthcare and Business majors*. The courses you choose for your concentration will contribute to your BSHS electives requirement.

The minimum number of credit hours for the Healthcare & Business major (BSHS degree) is 121.

Per university requirements, a minimum of 40 credit hours must be at the 300 level or above.

And for students transferring into Butler from another university, at least 45 credit hours of coursework must be successfully completed here to earn a Butler degree.

Healthcare and Business Graduation Requirements

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Approved Elective Choices for Healthcare & Business Majors

AC 100 Volunteer Income Tax Assistant

AC 310 Advanced Managerial Accounting (prereq AC 204)

AN 302 The Body & Society

AN 304 Medical Anthropology

AN 380 Selected Topics in Anthropology (Reproductive Technologies or Medical Technologies)

BI 210 Genetics

BI 230 Ecology and Evolutionary Biology (prerequisite= BI220)

BI 301 Vertebrate Biology (prerequisite = BI230)

BI 323 Immunology

BI 325 Principles of Microbiology

BI 411 Principles of Physiology (prerequisite = BI 230)

BI 460 Cell and Molecular Neurobiology (Prerequisite BI 230 with C- or better; BI 411 recommended)

BSHS 206S Poverty and Modern Day Slavery

BSHS 210 Topics in Health and Wellness, Building A Better Bulldog

BSHS 280 Emergency Medical Technician- Basic (EMT-basic) Training Program (offered in summer only)

BSHS 385 Healthcare Immersion Abroad

BSHS 301 HCB/HS Internship Courses

BSHS 319 Introduction to Healthcare Analytics

BSHS 480 Integrative Medicine

BSHS 481 Intro to Medical Spanish

BSHS 482 Advanced Medical Spanish

BSHS 483 Medical Spanish Service Learning

BSHS 484 Spanish Immersion Trip

BSHS 485 Culinary Medicine (combined study abroad experience)

BSHS 486 Making Medicines

BSHS 487 Toxicology

BSHS 488 Drug Abuse Pharmacology, Chemistry, and Social Aspects

BSHS 489 Spanish/English Medical Interpretation

BSHS 491 Professional Leadership

BSHS 492 Introduction to Epidemiology and Research

BSHS 493 Global Health

BSHS 494 Introduction to Gerontology

BSHS 495 Hot Topics in Healthcare

Healthcare and Business Graduation Requirements

(students entering Fall 2023 and beyond)

BSHS 497 BU Health

BSHS 499 Special Topics in Health Sciences (topics & # or credit hours vary)

CH 351 Organic Chemistry 1

CH 352 Organic Chemistry 2

CH 361 Introduction to Biochemistry

CH 362 Biochemistry 1

CH 462 Biochemistry 2

CH 418 03- Chemistry of Food study abroad experience (*note ONLY section 03, not sections 01, 02, or 04*)

CS 142 Introduction to Programming

CS 151 Foundations of Computing 1

DS 110 Introduction to Data Science

DS 210 Applications of Data Mining

EC 232 Principles of Macroeconomics (prereq EC 231)

EI 202 Real Business Experience 2 (prereq EI 201)

EI 315 Creativity and Innovation (prereq EC 231, EI 201)

EN 303 Studies- Professional Writing, **Writing About Public Health**-(*Note this course may be used as an elective only when the topic is healthcare related. Several sections are not related to healthcare.*)

EN 370 Literature and Public Problems (*When topic is healthcare related, not all courses will qualify.*)

FN 340 Corporate Finance (Prereqs AC 204, EC 231, EC 232, MS 264, MS 265)

HN 300 Intro to Public Global Health (*may not receive elective credit for both HN 300 and BSHS 493 Global Health*)

HN 397/398 Honors Independent Study: Thesis Proposal

TI 264 Business Ethics

LC 301 Career Planning Strategies

LE 263 Legal Environment of Business (prereq EI 101 or sophomore standing)

LE 365 Business Law (LE 262 or LE 263)

MG 303 Leadership London (summer study abroad experience)

MG 360 Organizational Behavior (prereq junior standing)

MG 380 Healthcare Administration (prerequisite = junior standing)

MK 381 Salesmanship and Sales Management (prereq MK280 or MK380)

MK 384 Marketing Analytics (Prereqs EC 232, MS 265, MK 380)

MK 385 Marketing Research

MK 483 Consumer Behavior (prereq MK 380)

Healthcare and Business Graduation Requirements

(students entering Fall 2023 and beyond)

MS 350 Operations Management (prereq junior standing, AC 204, EC 231, MS 100, MS 264)
MS 372 Database Design (prereq MS 265)
MS 374 Web Design and E Commerce (prereq MS 265)
MS 375 Systems Analysis and Design (prereq MS 265 and junior standing)
ORG 215 Speech for Business
ORG 357 Health Communication
PE 253 Motor Learning
PE 323 Kinesiology (prerequisite =PE 324)
PE 324 Anatomy & Physiology of Exercise
PE 352 Exercise Prescription (prerequisite = PE 323)
PH 107 Elementary Physics 1
PH 108 Elementary Physics 2
PL 363 Biomedical Ethics
PS 235 Biological Basis of Behavior (prerequisite = C- or better in SW 250PS or NW 220PS)
PS 320 Life Span Developmental Psychology (prerequisite = C- or better in SW 250PS or NW 220PS)
PS 333 Human Sexuality
PS 350 Social Psychology (prerequisite = C- or better in SW 250PS or NW 220PS)
PS 385 Cognitive Processes (prerequisite = C- or better in SW 250PS or NW 220PS)
PS 412 Advanced Applied Neuroscience (prerequisite = C- or better in PS 235, PS 385, or permission of instructor)
PS 441 Abnormal Psychology (10 hour prerequisite)
PX 350 Tuscany Culture and Cuisine study abroad experience
RM 360 Insurance Company Operations
RM 370 Employee Benefits & Retirement Planning (prereqs AC203, (EC232 or SW220), and (MS264 or MA162))
RM 375 Insurance Law
RX 312 Clinical Biochemistry & Metabolism
RX 316 Pathophysiology
RZ 201 Leadership and Decision Making
RZ 202 Army Doctrine and Team Development
SO 311 Law and Society
SO 354 Aging and the Life Course
SO 356 Sociology of Health
SP 315 Spanish in Business

Healthcare and Business Graduation Requirements

(students entering Fall 2023 and beyond)

SW 200-SO Understanding Society: **Health and Illness** § (NOT ALL SW 200 COURSES)

SW 200-SO Understanding Society: **Disabilities and Society** § (NOT ALL SW 200 COURSES)

SW 275- BI 01 Mental Illness: Biological, Psychological, and Social Perspectives

SW 280-ST Hunger and Obesity

Healthcare and Business Graduation Requirements

(students entering Fall 2023 and beyond)

Optional Concentrations for Healthcare and Business majors.

The concentration options within the health science and healthcare and business majors would not add additional required hours for graduation. Rather, it would focus many elective choices into one area. The courses you choose for your concentration (from the list below) will contribute to your BSHS electives requirement.

Requirements for a Sales and Marketing Concentration for Healthcare and Business Majors

In addition to MK 380 (Intro to Marketing) and MK 386 (Healthcare Marketing), which are required for all students in the HCB major, student achieving the Sales and Marketing Concentration would also take:

- MK 381 Salesmanship and Sales Management
- MK 384 Marketing Analytics OR MK 385 Marketing Research
- And BSHS 301 Internship, specifically related to sales/marketing: 6 credit hours
OR BSHS 301 Internship, specifically related to sales/marketing: 3 credit hours plus an additional 3 credit hours of a 300 or 400 level MK course of their choice

Requirements for a Risk Management Concentration for Healthcare and Business Majors

In addition to RM 350 (Introduction to Risk Management), which is required for all students in the HCB major, student achieving the Risk Management Concentration would also take:

- RM 360 Insurance Company Operations
- RM 370 Employee Benefits and Retirement Planning
- And BSHS 301 Internship, specifically related to insurance/risk management: 6 credit hours
OR BSHS 301 Internship, specifically related to insurance/risk management: 3 credit hours plus RM 375 Insurance Law

Requirements for a Medical Spanish Concentration for Healthcare and Business Majors

Students pursuing this concentration must successfully complete:

- BSHS 481 Introduction to Medical Spanish
- BSHS 482 Advanced Medical Spanish
- BSHS 489 Spanish/English Medical Interpretation
- Plus any one of the following:
 - BSHS 483 Medical Spanish Service Learning
 - BSHS 484 Spanish Language Immersion Trip
 - BSHS 285 Healthcare Immersion Abroad (*when traveling to a Spanish speaking country*)

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Requirements for a Data Science Concentration for Healthcare and Business Majors

Students pursuing this concentration must successfully complete:

- CS 142 Introduction to Programming (prereq, math placement MA 102 or higher/Math 1 score > 12 or MA 101 or MA 102)
- CS 151 Foundations of Computing 1 (prereq (MA 102 or equiv with declared major/minor in math, statistics, computer science, actual science , or data science)
- DS 110 Introduction to Data Science (prereq MA 162 or equivalent and CS 142)
- DS 210 Applications of Data Mining (prereq DS 210 and CS 151)