

Healthcare and Business Graduation Requirements

(class entering Fall 2023 and beyond)

Name: Click or tap here to enter text.

Butler ID: Click or tap here to enter text.

Sem/Yr Matriculated: Click or tap here to enter text.

Table 1 Core Courses required for all Butler graduates

| Core requirements | Transfer credit | Enrolled | Completed |
|---|--------------------------|--------------------------|----------------------------|
| <input type="checkbox"/> FYS 101 (<i>First Year Seminar</i> ; 3 hrs) or <input type="checkbox"/> HN 110 (<i>Honors FYS</i> ; 4 hrs) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> FYS 102 (<i>First Year Seminar</i> ; 3 hrs) or <input type="checkbox"/> HN 111 (<i>Honors FYS</i> ; 4 hrs) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| PCA (<i>Perspectives in the Creative Arts</i> ; 3 hrs) Enter Course Number here | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| TI (<i>Text & Ideas</i> ; 3 hrs) Enter Course Number here | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| AR (<i>Analytical Reasoning</i> ; 3 hrs) Enter Course Number here <i>recommend MA 123 or MA 106</i> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| GHS (<i>Global & Historical Studies</i> ; 3 hrs) Enter Course Number here | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| GHS (<i>Global & Historical Studies</i> ; 3 hrs) Enter Course Number here | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| SW (<i>Social World</i> ; 3 hrs) Enter Course Number here | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| PWB (<i>Physical Well-Being</i> ; 1 hr) Enter Course Number here | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| BCR (<i>Butler Cultural Requirement</i> ; 8 events) 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> | | | 8 <input type="checkbox"/> |

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

| BSHS requirements | Transfer credit | Enrolled | Completed |
|--|--------------------------|--------------------------|--------------------------|
| BSHS 110 <i>Introduction to Healthcare</i> ; 3 hrs (<i>SJD core requirement</i>) Semester/Yr | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| BSHS 215 <i>Medical Terminology</i> ; 2 hrs Semester/Yr | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| BSHS 225 <i>Interprofessional Health Education</i> ; 2 hrs Semester/Yr | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| BSHS 230 <i>Healthcare Systems & Policy</i> ; 2 hrs Semester/Yr | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| BSHS 290 <i>Exploring Public Health</i> ; 3 hrs Semester/Yr | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| BSHS 340 <i>Healthcare Communications</i> ; 3 hrs Semester/Yr | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| BSHS 360 <i>Healthcare Ethics</i> ; 3 hrs Semester/Yr | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| BSHS 350 <i>Health Disparities</i> ; 3 hrs (<i>ICR core requirement</i>) Semester/Yr | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| BSHS 430 <i>Healthcare Quality & Improvement</i> ; 2 hrs Semester/Yr | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| BSHS 460 <i>Evidence-Based Healthcare</i> ; 3 hrs (<i>pre-req Stats class</i>) Semester/Yr | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

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Table 3. Explore. Prepare. Succeed.

| EPS course series – Every student must enroll in the appropriate BSHS EPS section every semester they are in the major. | Transfer credit | Enrolled | Completed |
|---|--------------------------|--------------------------|--------------------------|
| BSHS 100 EPS First-year Fall; 0.5 hrs | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| BSHS 105 EPS First-year Spring; 0.5 hrs | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| BSHS 200 EPS Sophomore Fall; 0.5 hrs | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| BSHS 205 EPS Sophomore Spring; 0.5 hrs | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| BSHS 300 EPS Junior Fall; 0.5 hrs | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| BSHS 305 EPS Junior Spring; 0.5 hrs | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| BSHS 400 EPS Senior Fall; 0.5 hrs | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| BSHS 405 EPS Senior Spring; 0.5 hrs | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Table 4. Business Course requirements

| | Transfer credit | Enrolled | Completed |
|---|--------------------------|--------------------------|--------------------------|
| MS 100 Excel Skills; 2 hr Semester/Yr | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| EI 201 Real Business Experience; 3hrs Semester/Yr (Prerequisite: EI101 or sophomore standing) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| EC 231 Microeconomics; 3hrs Semester/Yr (Pre-req: Sophomore standing, or 15 hours and MA106 or MA125) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| EC 346 Healthcare Economics; 3 hrs Semester/Yr (EC231 is prereq) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| AC 203 Accounting 1; 3hrs Semester/Yr (Prereq: Sophomore standing; or 15 hours and MA106 or MA125) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| AC 204 Accounting 2; 3hrs Semester/Yr (AC 203 is prereq) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| MS 264 Statistics or MA 162 Elementary Statistics; 3hrs Semester/Yr (Prerequisites: MS100 and MA106 or MA125 or any AR course) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| MS 265 Information Technology; 3hrs Semester/Yr (Prereqs: MS100; MA106 or MA125 or any AR course) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| MK 380 Introduction to Marketing; 3hrs Semester/Yr (Prerequisites: AC 204, EC 231, and MS 264) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| MK 386 Healthcare Marketing; 3hrs Semester/Yr (MK 380 is prereq) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| MS 377 Healthcare Information & Technology Management; 3hrs Semester/Yr (MS 265 is prereq) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| RM 350 Introduction to Risk Management; 3hrs Semester/Yr (AC203, EC231, MS264 are pre-reqs) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

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Table 5. Science courses required for Healthcare & Business majors

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

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</i>) | Hrs | Transfer credit | Enrolled | Completed |
|---|---------|--------------------------|--------------------------|--------------------------|
| Course Name/Number Semester/Yr | Credits | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Course Name/Number Semester/Yr | Credits | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Course Name/Number Semester/Yr | Credits | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Course Name/Number Semester/Yr | Credits | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Course Name/Number Semester/Yr | Credits | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Course Name/Number Semester/Yr | Credits | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Course Name/Number Semester/Yr | Credits | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Total credits: _____ | | | | |

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

#Please see descriptions 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 Approved Electives and Concentrations (revised Nov 2023)

Advising Copy Fall 2024

AC 310 Advanced Managerial Accounting (prereq = AC 204)

BI 210 Genetics

BI 230 Ecology and Evolutionary Biology (prereq = BI 220)

BI 323 Immunology

BI 411 Principles of Physiology (prereq = BI 230)

BSHS 301 HCB/HS Internship Course

BSHS 319 Intro to Healthcare Analytics

BI 411 Principles of Physiology (prereq = BI 230)

BSHS 301 HCB/HS Internship Courses

BSHS 481 Intro to Medical Spanish

BSHS 489 Spanish/English Interpretation

BSHS 495 Hot Topics in Healthcare

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

BSHS 499 Section 22-LEC Topic: Sustainable Healthy Nutrition

BSHS 499 Section 25-LEC Topic: Aviation and Patient Safety

BSHS 499 Section 51-LEC Topic: Research Methods

BSHS 499 Section 52-LEC Topic: Exercise Physiology

CS 142 Introduction to Programming

CS 151 Foundations of Computing 1

EC 232 Principles of Macroeconomics (prereq EC 231)

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

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

LC 301 Career Planning Strategies

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

LE 365 Business Law (prereq LE 262 or LE 263)

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 483 Consumer Behavior (prereq MK 380)

MS 350 Operations Management (prereq junior standing, AC 204, EC 231, MS 100, MS 264)

MS 372 Database Design (prereq MS 265)

ORG 357 Health Communication

Healthcare and Business Approved Electives and Concentrations (revised Nov 2023)

PL 363 Biomedical Ethics

PS 320 Life Span Developmental Psychology (prerequisite = C- or better in SW 250PS or NW 220PS)

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 441 Abnormal Psychology (10 hour prereq)

RM 360 Insurance Company Operations

RX 312 Clinical Biochemistry & Metabolism

RX 316 Pathophysiology

RZ 201 Leadership and Decision Making

SW 280-ST Hunger and Obesity

Healthcare and Business Approved Electives and Concentrations (revised Nov 2023)

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*)

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)