### University College Bachelor of Science in

**HEALTH CARE – HEALTH SCIENCES (U86)**

Student ID#_________________  Student Name________________________________________ Email ____________________________________________________________

<table>
<thead>
<tr>
<th>Units</th>
<th>Course Description</th>
<th>Transfer Credits</th>
<th>Completed at WU</th>
<th>In Progress</th>
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</thead>
<tbody>
<tr>
<td><strong>BASIC REQUIREMENTS</strong></td>
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<td>9</td>
<td><strong>English Composition</strong>&lt;br&gt;• U11 111 Analytical Writing&lt;br&gt;• U11 203 Critical and Researched Writing&lt;br&gt;• Advanced writing course (300 or 400-level) – choose one:&lt;br&gt;  o U11 3120 Argumentation&lt;br&gt;  o U11 324 Writing for Public Speaking&lt;br&gt;  o U11 304 Exposition</td>
<td>Max 84 (66 from a 2 year college)</td>
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<td>3</td>
<td><strong>Cultural Diversity</strong>&lt;br&gt;Designed by CD attribute on course listing</td>
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<td>3</td>
<td><strong>Moral Reasoning</strong>&lt;br&gt;Designed by ML attribute on course listing</td>
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<td>3</td>
<td><strong>Numerical Applications</strong></td>
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<td><strong>DISTRIBUTION REQUIREMENTS</strong> – A maximum of six units of credit from the same discipline may apply toward any distribution requirement.</td>
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<td>9</td>
<td><strong>Humanities</strong>&lt;br&gt;Courses from Art History, Classics, History, Literature, Philosophy, and Religious Studies</td>
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<td><strong>Social Sciences</strong>&lt;br&gt;Courses from Anthropology, Economics, History, Political Science, Psychology, and Sociology</td>
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<td>9</td>
<td><strong>Natural Sciences and Mathematics</strong>&lt;br&gt;Courses from Biology, Chemistry, Earth &amp; Planetary Sciences, Mathematics, Physics, and other Sciences</td>
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<td>Languages and the Arts</td>
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<td>Courses from Creative Writing, Dance, Drama, Film Studies, Foreign Languages, Music, Speech, and Studio Art</td>
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| 12    | **Health Care Required Core Courses**  
- U09 358 Health Psychology  
- U22 233 Biomedical Ethics  
  OR U29 206 Biomedical Ethics  
- U86 313 Introduction to Public Health  
- U86 309 Health and Society | Max 84 (66 from a 2 year college) | | |
| 11    | **Health Sciences Concentration – Required Courses**  
- U29 101 General Biology I with lab  
- U29 102 General Biology II with lab  
- U29 342 Human Disease and its Scientific Basis | | | |
| 12    | **Health Sciences Concentration – Elective Courses**  
Select 12 units of elective coursework. 6 units must be advanced (300- or 400-level).  
- U05 105 General Chemistry I  
  AND U05 151 General Chemistry Lab I  
- U05 106 General Chemistry II  
  AND U05 152 General Chemistry Lab II  
- U05 261 Organic Chemistry I with lab  
- U05 262 Organic Chemistry II with lab  
- U09 3200 Child Health Psychology  
- U09 322 Developmental Psychology  
- U09 460 Behavioral Medicine  
- U23 211 General Physics I with lab  
- U23 212 General Physics II with lab  
- U29 322 Introduction to Anatomy and Physiology I w/lab  
- U29 323 Introduction to Anatomy and Physiology II w/lab  
- U29 406 Introduction to Biochemistry  
- U29 431 Biology of Aging  
- U29 506 General Physiology  
- U69 3697 Culture and Aging  
- U69 387 Medical Anthropology | | | |
<table>
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<tr>
<th>General Electives</th>
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**UNOFFICIAL EVALUATION**

Total earned units of credit (120 required for the Bachelor of Science):
**BASIC REQUIREMENTS** (in effect Spring 2019)

A single course can count toward any two of the following categories: major requirements; basic requirements for numerical applications, cultural diversity, or moral reasoning; distribution requirements.

**English Composition** (9 units of credit)
All required English Composition courses must be completed at Washington University with a minimum grade of C.
- U11 111 Analytical Writing
- U11 203 Critical and Researched Writing
- Advanced writing course (300 or 400-level) – choose one:
  - U11 3120 Argumentation
  - U11 324 Writing for Public Speaking
  - U11 304 Exposition

**Cultural Diversity** (3 units of credit)
Courses that satisfy the cultural diversity explore issues of global human diversity and the interactions among cultures, with a focus on societies of Africa, East Asia, South Asia, Latin America, or the Middle East, or indigenous peoples of the Americas. Designated by CD on course listings.

**Moral Reasoning** (3 units of credit)
Designated by ML on course listings.

**Numerical Applications** (3 units of credit)
Numerical Applications course must be completed with a minimum grade of C-
- Any course from the Math department, including statistics and programming courses, except U20 140 Algebra
- U03 117 Quantitative Reasoning
- U07 231 Economic Statistics
- U09 300 Introductory Psychological Statistics
- U25 323 Introduction to Quantitative Methods

**DISTRIBUTION REQUIREMENTS**

A maximum of six units of credit from the same discipline may apply toward any distribution requirement. A given History course may satisfy either the Humanities or Social Sciences requirement, but not both. Please seek advisor approval if you are unsure whether a course satisfies a particular requirement.

**Humanities** (9 units of credit)
Art History, Classics, History, Literature, Philosophy, and Religious Studies

**Social Sciences** (9 units of credit)
Anthropology, Economics, History, Political Science, Psychology, and Sociology

**Natural Sciences and Mathematics** (9 units of credit)
Biology, Chemistry, Earth and Planetary Sciences, Mathematics, Physics, and Science

**Languages and the Arts** (9 units of credit)
Creative Writing, Dance, Drama, Film Studies, Foreign Languages, Music, Speech, and Studio Art

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### MAJOR IN HEALTH CARE

#### HEALTH SCIENCES CONCENTRATION

**Health Care Required Core Courses** (12 units of credit)
- U09 358 Health Psychology
- U22 233 Biomedical Ethics
  OR U29 206 Biomedical Ethics
- U86 313 Introduction to Public Health
- U86 309 Health and Society

**Health Sciences Concentration – Required Courses** (11 units)
- U29 101 General Biology I with lab
- U29 102 General Biology II with lab
- U29 342 Human Disease and its Scientific Basis

**Health Sciences Concentration - Elective Courses** (12 units of credit)
6 units of the elective coursework must be at the 300-400 level.
- U05 105 General Chemistry I
  AND U05 151 General Chemistry I lab
- U05 106 General Chemistry II
  AND U05 152 General Chemistry II lab
- U05 261 Organic Chemistry I with lab
- U05 262 Organic Chemistry II with lab
- U09 3200 Child Health Psychology
- U09 322 Developmental Psychology
- U09 460 Behavioral Medicine
- U23 211 General Physics I with lab
- U23 212 General Physics II with lab
- U29 322 Introduction to Anatomy and Physiology I with lab
- U29 323 Introduction to Anatomy and Physiology II with lab
- U29 406 Introduction to Biochemistry
- U29 431 Biology of Aging
- U29 506 General Physiology
- U69 3697 Culture and Aging
- U69 387 Medical Anthropology

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### ADDITIONAL DEGREE REQUIREMENTS

**GPA requirements:** To receive the Bachelor of Science degree, you must maintain a 2.0 cumulative GPA and receive a grade of C- or better in all courses applied to your major.

**Residency Requirement:** You must complete the final 36 units of credit work toward the Bachelor of Science degree at Washington University. At least half the credits for the major and at least 30 units of advanced (300-400 level) courses must be completed at Washington University.

**Updated:** October 2018