

## Biomedical Sciences - MCW PharmD Early Assurance Program

2023-2024

### Freshman Year - Fall

|                                     |                             |    |
|-------------------------------------|-----------------------------|----|
| BISC 1001                           | Contemporary Issues in BISC | 1  |
| CHEM 1001*                          | General Chemistry 1         | 4  |
| BIOL 1001*                          | General Biology 1           | 3  |
| <b>THEO 1001 or PHIL 1001 (MCC)</b> |                             | 3  |
| <b>ENGL 1001* or ESSV1 (MCC)</b>    |                             | 3  |
| Elective                            |                             | 3  |
|                                     |                             | 17 |

### Spring

|                                     |   |
|-------------------------------------|---|
| MATH (College Algebra or higher)*   | 3 |
| CHEM 1002* General Chemistry 2      | 4 |
| BIOL 1002* General Biology 2        | 3 |
| <b>PHIL 1001 or THEO 1001 (MCC)</b> | 3 |
| <b>ESSV1 or ENGL 1001* (MCC)</b>    | 3 |
| 16                                  |   |

### Sophomore Year - Fall

|                                 |                                 |    |
|---------------------------------|---------------------------------|----|
| BISC 3135*                      | Clinical Human Anatomy          | 4  |
| CHEM 2111*                      | Organic Chemistry 1             | 4  |
| <b>CORE 1929</b>                | <b>Methods of Inquiry (MCC)</b> | 3  |
| <b>DSCV (MCC)<sup>1,2</sup></b> | <b>SSC, HUM, NSM or ELE</b>     | 3  |
| PSYC 1001                       |                                 | 3  |
|                                 |                                 | 17 |

### Spring

|                                 |                             |   |
|---------------------------------|-----------------------------|---|
| CHEM 2112 Organic Chemistry 2   | 4                           |   |
| BISC 3213 Biochemistry          | 4                           |   |
| Laboratory Science              | 3                           |   |
| <b>DSCV (MCC)<sup>1,2</sup></b> | <b>SSC, HUM, NSM or ELE</b> | 3 |
| Elective or ESSV2 (MCC)         | 3                           |   |
| 17                              |                             |   |

### Junior Year - Fall

|                                 |                             |    |
|---------------------------------|-----------------------------|----|
| BISC 4145*                      | Human Physiology            | 4  |
| Statistics*                     |                             | 3  |
| <b>DSCV (MCC)<sup>1,2</sup></b> | <b>SSC, HUM, NSM or ELE</b> | 3  |
| <b>DSCV (MCC)<sup>1,2</sup></b> | <b>SSC, HUM, NSM or ELE</b> | 3  |
| Electives or WRIT (MCC)         |                             | 4  |
|                                 |                             | 17 |

### Spring

|                                      |                                 |   |
|--------------------------------------|---------------------------------|---|
| COMM 1100 or CMST 2000 or CMST 3120* | 3                               |   |
| BISC Anatomy & Systems Content Area  | 3                               |   |
| BISC Elective                        | 2                               |   |
| Medical Ethics                       | 1                               |   |
| <b>CORE 4929</b>                     | <b>Culminating Course (MCC)</b> | 3 |
| 12                                   |                                 |   |

**Credits at MU (minimum 96) = 96**

### Senior Year (at MCW)

Admission to the Early Assurance program is on a competitive basis with applications due in early spring of a student's *freshman or sophomore year*. For students admitted to the Early Assurance Program, the first-year MCW courses listed below have been approved for transfer back to MU to complete remaining B.S. degree requirements for students who meet all other program requirements. The PharmD program at MCW is a three-year program. Students will be eligible to walk in MU's graduation ceremony in May of their first year at MCW.

|                             |  |                               |                             |    |
|-----------------------------|--|-------------------------------|-----------------------------|----|
| <b>BISC Major Cr.</b><br>16 | PHAR 511 Genetics and Clinical Immunology        | BISC 4340                     | BISC Cell and Molecular     | 3  |
|                             | PHAR 512 Human Anatomy & Physiology              | BISC 9391                     | BISC Anatomy and Systems    | 3  |
|                             | PHAR 561 Princ. of Drug Action & Pharmacog.      | BISC 9392                     | BISC Cellular and Molecular | 5  |
|                             | PHAR 562 Infectious Diseases I                   | BISC 9393                     | BISC AS/CM & DP             | 5  |
| <b>Other Cr.</b><br>16      | PHAR 550 Health Care Systems & Pt. Safety        | BISC 9291                     | BISC Health and Society     | 3  |
|                             | Other MCW courses (to achieve 128 total credits) | General Electives (HESC 9290) |                             | 13 |

**Total B.S. degree credits (minimum 128) = 128**

#### \*MCW Pharm D Prerequisites

- PharmD prerequisites must be completed at a regionally-accredited university, college or community college in US or Canada
- maximum 12 credits AP/IB/dual credits towards MCW prerequisites
- Prerequisites must be a minimum of 3 credit hours and be completed with a grade of C or higher

#### Overall B.S. degree requirements for the Early Assurance Program:

- More than 50% of the 33 credits in the BISC major must be completed at MU (17 credits or more)
- To qualify for academic honors at MU, at least 32 upper division credits must be completed at MU (3000 level or higher)