



## Bachelor of Medical Science Plan of Study

revised 2/22/23

- This form may be used to help lay out a projected course of study for students interested in the Post-Baccalaureate Medical Studies Program (PBMS).
- The Bachelor of Medical Science (BMS) is a 2nd Bachelor's Degree; enrolled students will already hold a Bachelor's Degree from a regionally accredited U.S. institution.
- The degree will include a minimum of 124 semester hours; 90 hours will be block-transferred from the student's first bachelor's degree.
- The remaining 10 required hours and 24 elective hours must be earned in residency from Dominican University.
- When you are ready to register for your first semester of classes, you will meet with an advisor who will review your transcript and educational goals. Then you will work together to map out a plan of study tailored to meet your specific needs.

### Required Courses For All PBMS Students

- **BMS 360** – Medical Professionalism and Leadership
- **BMS 365** – Preparing for Professional School and Beyond
- **BMS 491 or PHIL 242:** Medical Ethics
- **BMS 496:** Clinical Preceptorship

### Other Courses Available to PBMS Students

Availability based upon student need and department offerings

#### BIOL

- \_\_\_\_ 111 General Biology I
- \_\_\_\_ 112 General Biology II
- \_\_\_\_ 120 Medical Terminology
- \_\_\_\_ 240 Genetics
- \_\_\_\_ 260 Introduction to Human Pathophysiology
- \_\_\_\_ 272 Comparative Animal Physiology
- \_\_\_\_ 273 Neurobiology
- \_\_\_\_ 294 Cell Biology
- \_\_\_\_ 310 Microbiology
- \_\_\_\_ 330 Cancer Biology
- \_\_\_\_ 352 Molecular And Cellular Biology
- \_\_\_\_ 361 Advanced Human Physiology

## BMS

- \_\_\_\_ 340 Principles of Drug Action
- \_\_\_\_ 351 Advanced Human Anatomy
- \_\_\_\_ 370 Functional Neuroanatomy
- \_\_\_\_ 450 Independent Study
- \_\_\_\_ 490 Anatomical Illustration
- \_\_\_\_ 492 Histology
- \_\_\_\_ 493 Advanced Pathophysiology I
- \_\_\_\_ 494 Advanced Pathophysiology II
- \_\_\_\_ 495 Research/Creative Investigation
- \_\_\_\_ 497 Advanced Anatomy Cadaver Dissection

## CHEM

- \_\_\_\_ 120 General Chemistry I
- \_\_\_\_ 121 General Chemistry II
- \_\_\_\_ 221 Environmental Chemistry
- \_\_\_\_ 223 Introduction to Clinical Chemistry
- \_\_\_\_ 253 Organic Chemistry I
- \_\_\_\_ 254 Organic Chemistry II
- \_\_\_\_ 351 Medicinal Chemistry
- \_\_\_\_ 352 Drugs, Society and Human Behavior
- \_\_\_\_ 360 Biochemistry

## NEUR

- \_\_\_\_ 272 Behavioral Neuroscience
- \_\_\_\_ 393 Learning and Memory

## PHYS

- \_\_\_\_ 211 College Physics I
- \_\_\_\_ 212 College Physics II
- \_\_\_\_ 221 University Physics I
- \_\_\_\_ 222 University Physics II

## SPAN

- \_\_\_\_ 209 Spanish for the Health Professions