

Name: \_\_\_\_\_

## MEDICAL STUDIES, B.S.

### GENERAL EDUCATION CORE

**BASIC REQUIREMENTS** (2 courses and 2 one-credit PE activities)

Composition and Rhetoric

- EN 103 Composition and Rhetoric I
- EN 104 Composition and Rhetoric II

Physical Education Courses

- PE 100 (**Satisfied by PA 619**)
- PE \_\_\_\_\_
- PE \_\_\_\_\_

**MODES OF THINKING** (2 courses)

Literature (Select one)

- EN 110, EN 112, EN 115

Mathematics (**Satisfied by Major – MA 111**)

Natural Science (**Satisfied by Major**)

Philosophy

- PL 109

Social Sciences (**Satisfied by Major – PS 109**)

**CULTURAL LITERACY** (6 courses)

Humanities I and II. *Preferably* select a set (e.g., HI 201/202). However, a combination (e.g., PO 201 + HI 214) is acceptable.

- Hum. I: HI 201, PO 201, HI 213
- Hum. II: HI 202, PO 202, HI 214, HI 262

Humanities III: Great Works of Art & Music

(See Master Schedule of Day Classes)

- \_\_\_\_\_

Humanities IV: Great Works of Literature

(See Master Schedule of Day Classes)

- \_\_\_\_\_

Foreign Language/World Cultures

(Select either two of the same language, any two WC, or one WC and one approved course with international study)

- \_\_\_\_\_
- \_\_\_\_\_

**CHRISTIAN VALUES AND THEOLOGY**

(2 courses)

Catholic Theology

- TH 109

Intermediate Theology (200/300 level TH)

- TH \_\_\_\_\_

Values Seminar (**Satisfied by Major – PA 575**)

### MAJOR

- BI 151: Introductory Biology I
- BI 152: Introductory Biology II
- BI 255: Molecular Cell Biology I
- BI 256: Molecular Cell Biology II
- BI 352: Medical Microbiology
- BI 353: Immunology
- BI 355: Human Structure and Function I
- BI 356: Human Structure and Function II
- CH 101: General Chemistry I
- CH 102: General Chemistry II
- CH 231: Organic Chemistry I
- CH 306: Pharmacology and Toxicology
- MA 111: Probability and Statistics
- PS 109: Introduction to Psychology
- MD 1001: PA as a Profession \*
- MD 301: Selected Medical Topics
- MD 302: Medical Terminology

\*One-credit course

### Didactic Year Courses

- PA 501: Clinical Anatomy and Physiology
- PA 502: History and Physical Examination I
- PA 503: History and Physical Examination II
- PA 504: Clinical Medicine I
- PA 505: Clinical Medicine II
- PA 506: Clinical Reasoning I
- PA 507: Clinical Reasoning II
- PA 510: Pharmacology I
- PA 511: Pharmacology II
- PA 513: Diagnostic Methods I
- PA 515: Pathophysiology I
- PA 516: Pathophysiology II
- PA 517: Research Seminar
- PA 575: Ethics of Health Care
- PA 619: Preventative Medicine and Health Promotion \*\*

\*\*Satisfies PE 100 requirement

### ELECTIVES

(Two required)

- \_\_\_\_\_
- \_\_\_\_\_

A. Koefler, Director of the Academic Resource Center  
Effective fall, 2019

*For the most up-to-date record of progress toward completion of degree requirements, students should use the Academic Evaluation tool, which is listed under the Academic Planning heading in WebAdvisor.*

**DE SALES UNIVERSITY**  
**Typical Program: MEDICAL STUDIES, B.S.**

**UNDERGRADUATE PROGRAM**

**FALL SEMESTER**

**SPRING SEMESTER**

**FIRST YEAR**

Composition and Rhetoric I (EN 103)  
Probability & Statistics (MA 111)  
General Chemistry I (CH 101) *5 credits*  
Introductory Biology I (BI 151) *4 credits*  
Foreign Language/World Cultures

Composition and Rhetoric II (EN 104)  
Philosophical Thinking (PL 109)  
General Chemistry II (CH 102) *5 credits*  
Introductory Biology II (BI 152) *4 credits*  
Foreign Language/World Cultures  
PA as a Profession (MD 1001)\*

\* *1 credit*

**SECOND YEAR**

Molecular Cell Biology I (BI 255) *4 credits*  
Organic Chemistry (CH 231) *4 credits*  
Humanities 1  
Literature MOT  
Free Elective  
Physical Education (Activity)

Molecular Cell Biology II (BI 256) *4 credits*  
Medical Microbiology (BI 352) *4 credits*  
Humanities 2  
Introduction to Psychology (PS 109)  
Catholic Theology (TH 109)  
Physical Education (Activity)

**THIRD YEAR**

Human Struct. & Funct. I (BI 355) *4 credits*  
Immunology (BI 353)  
Free Elective  
Humanities 3  
Intermediate Theology (200-300)

Human Struct. & Funct. II (BI 356) *4 credits*  
Pharmacology and Toxicology (CH 306)  
Selected Medical Topics (MD 301)  
Humanities 4  
Medical Terminology (MD 302)

**GRADUATE PROGRAM**

**FIRST YEAR OF PHYSICIAN ASSISTANT PROGRAM, FOURTH YEAR**

Clinical Medicine I (PA 504) *4 credits*  
Clinical Anatomy (PA 501) *4 credits*  
History & Physical Exam I (PA 502) *3 credits*  
Pathophysiology I (PA 515) *2 credits*  
Pharmacology I (PA 510) *2 credits*  
Preventive Medicine and Health Promotion  
(PA 619)\* *1 credit*  
Clinical Reasoning I (PA 506) *2 credits*

Clinical Medicine II (PA 505) *4 credits*  
Pathophysiology II (PA 516) *2 credits*  
Pharmacology II (PA 511) *2 credits*  
Hist. & Phys. Exam II (PA 503) *3 credits*  
Ethics of Health Care (PA 575) *3 credits*  
Research Seminar (PA 517) *1 credit*  
Diagnostic Methods I (PA 513) *1 credit*  
Clinical Reasoning II (PA 507) *2 credits*

MOT = Modes of Thought

\*PA 619 fulfills PE 100 (Lifetime Fitness and Wellness) requirement