

THE FOUR-YEAR CURRICULUM LEADING TO THE DEGREE  
**BACHELOR OF SCIENCE IN MEDICAL TECHNOLOGY**  
 Per CHED Memorandum Order (CMO No. 13, Series of 2017)  
 Effective SY 2018 – 2019

**COLLEGE OBJECTIVES:**

The NDDU College of Health Sciences aims to produce graduates who possess the Christian ideals of St. Marcellin Champagnat and Mother Mary, totally developed, service oriented Filipino health professionals who are:

1. proficient in communication skills;
2. critical thinkers and research-oriented;
3. able to provide ethical leadership;
4. aware and able to understand society and values, and
5. competent in providing health care to various clients in all levels of development in the local, national and global communities.

**PROGRAM OBJECTIVES:**

The BS Medical Technology Program is a four-year program consisting of general education and professional courses, with one year internship program in a CHED-accredited training laboratory with rotational duties in different sections of the clinical laboratory.

- After finishing the program, a graduate must:
1. develop the knowledge, skills, professional attitude, and values in the performance of clinical laboratory procedures needed to help the physician in the proper diagnosis, treatment, prognosis and prevention of diseases;
  2. acquire critical and analytical thinking skills, and contribute to the challenges of Medical Technology profession;
  3. engage in research and community-related activities;
  4. participate in activities related to promoting the profession and actively engage in life-long learning and undertakings and develop collaborative and leadership qualities.

**FIRST YEAR – FIRST SEMESTER**

| Grade | Cat. #      | Descriptive Title                                  | Units |      |
|-------|-------------|----------------------------------------------------|-------|------|
|       |             |                                                    | Lec   | Lab  |
|       | RE 111      | Salvation History: Old Testament                   | 3     | 3    |
|       | GE 5        | Purposive Communication                            | 3     | 3    |
|       | GE 3        | Mathematics in the Modern World                    | 3     | 3    |
|       | MCMT 10     | Prin. of Med. Lab Sci. Practice 1                  | 3     | 3    |
|       | MCMT 11/110 | Anatomy and Physiology 3/2                         | 3     | 2 5  |
|       | MCMT 12/120 | Inorganic & Organic Chemistry 3/2                  | 3     | 2 5  |
|       | PE 1        | Self Testing Activities and Gymnastics             | 2     | 2    |
|       | MCMT 13/130 | Health Information System for Med. Lab Science 2/1 | 2     | 1 3  |
|       | NSTP 1      | National Service Training Program 1                | 3     | 3    |
|       | PGS 1       | Personality Growth Session 1                       | 0     | 0    |
|       | Total       |                                                    | 25    | 5 30 |

**FIRST YEAR – SECOND SEMESTER**

| Grade | Cat. #      | Descriptive Title                                        | Units | Pre-Req  |
|-------|-------------|----------------------------------------------------------|-------|----------|
|       |             |                                                          | Lec   | Lab      |
|       | RE 112      | Christology: New Testament                               | 3     | 3 RE 111 |
|       | GE 1        | Understanding the Self                                   | 3     | 3        |
|       | GE 8        | Ethics                                                   | 3     | 3        |
|       | GE 10       | Kontakswalisadong Komunikasyon                           | 3     | 3        |
|       | MCMT 14/140 | Prin. of Med. Lab Sci. Practice 2 (2/1)                  | 2     | 1 3      |
|       | MCMT 15/150 | Analytical Chemistry: Qualitative and Quantitative (3/2) | 2     | 2 4      |
|       | GE 6        | Science, Technology and Society                          | 3     | 3        |
|       | PE 2        | Rhythmic Activities and Aquatics                         | 2     | 2 PE 1   |
|       | NSTP 2      | National Service Training 2                              | 3     | 3 NSTP 1 |
|       | GE 7        | Art Appreciation                                         | 3     | 3        |
|       | PGS 2       | Personal Growth Session 2                                | 0     | 0 PGS 1  |
|       | Total       |                                                          | 27    | 3 30     |

**FIRST YEAR – SUMMER**

| Grade | Cat. #      | Descriptive Title                                | Units | Pre-Req  |
|-------|-------------|--------------------------------------------------|-------|----------|
|       |             |                                                  | Lec   | Lab      |
|       | PCMT 10/100 | Community and Public Health for Med. Lab Science | 3     | 2 5      |
|       | RE 113      | Basic Teachings of Christian Faith               | 3     | 3 RE 112 |
|       | Total       |                                                  | 6     | 2 8      |

**SECOND YEAR – FIRST SEMESTER**

| Grade | Cat. #      | Descriptive Title                              | Units | Pre-Req      |
|-------|-------------|------------------------------------------------|-------|--------------|
|       |             |                                                | Lec   | Lab          |
|       | RE 114      | Church in the Modern World                     | 3     | 3 RE 113     |
|       | MCMT 20/200 | Biochemistry for Med Lab Science 3/2           | 3     | 2 5          |
|       | MCMT 21     | Biostatistics & Epidemiology                   | 3     | 3            |
|       | MCMT 22/220 | Prin & Strat. of Teaching in Med. Lab Sci. 2/1 | 2     | 1 3          |
|       | PCMT 20     | Cytogenetics                                   | 3     | 3 Ana-Physio |
|       | GE 11       | Filipino Sa Iba't-Ibang Disiplina              | 3     | 3 GE 1       |
|       | GE 4        | The Contemporary World                         | 3     | 3            |
|       | PCMT 21     | Laboratory Management                          | 3     | 3            |
|       | PE 3        | Fundamentals of Games and Sports               | 2     | 2 PE 2       |
|       | Total       |                                                | 25    | 3 28         |

**SECOND YEAR – SECOND SEMESTER**

| Grade | Cat. #      | Descriptive Title                            | Units       | Pre-Req               |
|-------|-------------|----------------------------------------------|-------------|-----------------------|
|       |             |                                              | # of Hrs/Wk |                       |
|       |             |                                              | Lec         | Lab                   |
|       | RE 115      | Liturgy and Sacrament                        | 3           | 3 RE 114              |
|       | PCMT 22     | Med Tech Laws and Bioethics                  | 3           | 3 MT 22               |
|       | GE 2        | Readings in Philippine History               | 3           | 3                     |
|       | GE 13       | Sosyedad at Literatura/Panitikang Panlipunan | 3           | 3                     |
|       | GE 9        | Life and Works of Rizal                      | 3           | 3                     |
|       | GE 14       | Religion, Religious and Spirituality         | 3           | 3 GE 2                |
|       | PCMT 23/230 | Human Histology                              | 3           | 2 5 Ana-Physio, MT 21 |
|       | PE 4        | Recreational Activities                      | 2           | 2 PE 3                |
|       | PCMT 24/240 | Parasitology                                 | 3           | 2 5                   |
|       | Total       |                                              | 26          | 4 30                  |

**SECOND YEAR – SUMMER**

| Grade | Cat. #      | Descriptive Title                 | Units       | Pre-Req        |
|-------|-------------|-----------------------------------|-------------|----------------|
|       |             |                                   | # of Hrs/Wk |                |
|       |             |                                   | Lec         | Lab            |
|       | PCMT 25/250 | Analysis of Urine and Body Fluids | 3           | 2 5 Ana-Physio |
|       | PCMT 26     | Seminar and Special Topics 1      | 3           | 3              |
|       | Total       |                                   | 6           | 2 8            |

**THIRD YEAR – FIRST SEMESTER**

| Grade | Cat. #      | Descriptive Title                   | Units       | Pre-Req  |
|-------|-------------|-------------------------------------|-------------|----------|
|       |             |                                     | # of Hrs/Wk |          |
|       |             |                                     | Lec         | Lab      |
|       | RE 116      | Christian Morality                  | 3           | 3 RE 115 |
|       | PCMT 10/100 | Clinical Chemistry 1 (3/2)          | 3           | 2 5      |
|       | PCMT 30/300 | Clinical Bacteriology (3/2)         | 3           | 2 5      |
|       | PCMT 31/310 | Hematology (3/2)                    | 3           | 2 5      |
|       | PCMT 32/320 | Immunology and Serology (3/2)       | 3           | 2 5      |
|       | MT Res 1    | Intro to Med Lab Sci Research (Lec) | 3           | 3        |
|       | MT Res 10   | Intro to Med Lab Sci Research (Lab) | 2           | 2        |
|       | Total       |                                     | 18          | 10 28    |

**THIRD YEAR – SECOND SEMESTER**

| Grade | Cat. #          | Descriptive Title                      | Units       | Pre-Req |
|-------|-----------------|----------------------------------------|-------------|---------|
|       |                 |                                        | # of Hrs/Wk |         |
|       |                 |                                        | Lec         | Lab     |
|       | ClinChem 20/200 | Clinical Chemistry 2 (3/2)             | 3           | 2 5     |
|       | PCMT 33/330     | Hematology 2 (2/1)                     | 3           | 2 5     |
|       | PCMT 34/340     | Histopathologic & Cytologic Tech (3/2) | 3           | 2 5     |
|       | PCMT 35/350     | Immunohematology (3/1)                 | 3           | 2 5     |
|       | PCMT 36/360     | Molecular Biology & Diagnostic (2/1)   | 2           | 1 3     |
|       | PCMT 37         | Mycology and Virology                  | 3           | 3       |
|       | MT Res 11       | Intro to Med Lab Sci Research (Lab)    | 1           | 1       |
|       | MT Res 12       | MLS Research Paper Writing             | 3           | 3       |
|       | Total           |                                        | 21          | 9 30    |

**THIRD YEAR – SUMMER**

| Grade | Cat. #      | Descriptive Title               | Units       | Pre-Req |
|-------|-------------|---------------------------------|-------------|---------|
|       |             |                                 | # of Hrs/Wk |         |
|       |             |                                 | Lec         | Lab     |
|       | PCMT 38     | Seminar and Special Topics 2    | 3           | 3       |
|       | MT Intern 1 | Clinical Internship (320 hours) | -           | 6       |
|       | Total       |                                 | 3           | 3 9     |

**FOURTH YEAR – FIRST SEMESTER**

| Grade | Cat. #      | Descriptive Title                 | Units       | Pre-Req |
|-------|-------------|-----------------------------------|-------------|---------|
|       |             |                                   | # of Hrs/Wk |         |
|       |             |                                   | Lec         | Lab     |
|       | MT Intern 2 | Clinical Internship 2 (572 hours) | -           | 21      |
|       | MTCA 1      | Med Tech Competency Appraisal 1   | 3           | 3       |
|       | Total       |                                   | 3           | 21 24   |

**FOURTH YEAR – SECOND SEMESTER**

| Grade | Cat. #      | Descriptive Title                 | Units       | Pre-Req |
|-------|-------------|-----------------------------------|-------------|---------|
|       |             |                                   | # of Hrs/Wk |         |
|       |             |                                   | Lec         | Lab     |
|       | MT Intern 3 | Clinical Internship 3 (572 hours) | -           | 21      |
|       | MTCA 2      | Med Tech Competency Appraisal 2   | 3           | 3       |
|       | Total       |                                   | 3           | 21 24   |

**Reminders:**

- Student should be responsible to write their official grades on the space provided.
- Student should always make this document available for evaluation purposes, especially during enrolment.

IF THIS COURSE CATALOG IS LOST, PLEASE RETURN TO THE OWNER OR TO THE COLLEGE OF HEALTH SCIENCES, NOTRE DAME OF DIADINGAS UNIVERSITY OR CALL (083) 552-4352 loc. 2261

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