### FALL SEMESTER (14 credits)
#### General Education Coursework:
- **ENGL 110C** English Composition I 3
- **CHEM 121/122N** Foundations of Chemistry I 4
- ***CHEM 123/124N** Foundations of Chemistry II 4
- Information Literacy and Research 3

### SPRING SEMESTER (13 credits)
#### General Education Coursework:
- **ENGL 211, 221 or 231C** English Comp II 3
- ***CHEM 123/124N** Foundations of Chemistry II 4
- Human Creativity 3
- Human Behavior 3

### YEAR 1 - FRESHMAN (27 CREDITS)

### FALL SEMESTER (13 credits)
#### General Education Coursework:
- ***CHEM 211/212** Organic Chemistry 5
- **BIOL 250 Anatomy & Physiology I** 4
- Interpreting the Past 3
- **MEDT 210 Orientation to Med. Tech.** 1

#### SUMMER SEMESTER (3 Credits)
- MEDT 320 Phlebotomy Methods 2
- MEDT 458 Clinical Phlebotomy Practicum 1

### SPRING SEMESTER (12 credits)
#### General Education Coursework:
- ***STAT 130M** 3
- ***BIOL 251 Anatomy & Physiology II** 4
- Literature 3
- **MEDT 310/313** Urisalysis/Body Fluids 2

### YEAR 2 - SOPHOMORE (28 CREDITS)

### FALL SEMESTER (16 credits)
#### Major Coursework:
- **MEDT 307 Clinical Methods in Micro.** 2
- **MEDT 308 Clinical Microbiology** 3
- **MEDT 311/312 Hematology and Lab** 4
- **MEDT 324 Clinical Instrumentation and Electronics** 3
- **MEDT 325 Clinical Instrumentation Methods** 1
- **MEDT 330/331 Clinical Immunology/Serology and lab** 3

### SPRING SEMESTER (16 credits)
#### Major Coursework:
- **MEDT 309 Medical Bacteriology** 3
- **MEDT 319 Medical Bacteriology Methods** 2
- **MEDT 326/336 Immunohematology and Lab** 4
- **MEDT 327 Hemostasis** 1
- **MEDT 337 Advanced Hematology** 1
- **MEDT 340/339 Parasitology/Mycology, Virology and Lab** 2
- **MEDT 351 Clinical Biochemistry** 3

### YEAR 3 - JUNIOR (32 CREDITS)

### FALL SEMESTER (12 credits)
#### Major Coursework:
- **MEDT 403W Mgmt in a Clinical Setting** 3
- **MEDT 440 Stat Applications and Data** 3
- Impact of Technology/Option D (satisfied by 300/400 level Impact of Technology "T" course)
  - Philosophy and Ethics/Option D (satisfied by 300 or 400 level Philosophy course; PHIL 345E preferred) 3

### SPRING SEMESTER (20 credits)
#### Major Coursework:
- **MEDT 404 Clinical Hematology Practicum** 4
- **MEDT 406 Clinical Micro. Practicum** 5
- **MEDT 452 Clinical Biochem Practicum** 5
- **MEDT 454 Clinical Blood Bank Practicum** 4
- **MEDT 457 Medical Technology Seminar** 1

### YEAR 4 - SENIOR (32 CREDITS)

### FALL SEMESTER (12 credits)
- **MEDT 403W Mgmt in a Clinical Setting** 3
- **MEDT 440 Stat Applications and Data** 3
- Impact of Technology/Option D (satisfied by 300/400 level Impact of Technology "T" course)
  - Philosophy and Ethics/Option D (satisfied by 300 or 400 level Philosophy course; PHIL 345E preferred) 3

### SPRING SEMESTER (20 credits)
- **MEDT 404 Clinical Hematology Practicum** 4
- **MEDT 406 Clinical Micro. Practicum** 5
- **MEDT 452 Clinical Biochem Practicum** 5
- **MEDT 454 Clinical Blood Bank Practicum** 4
- **MEDT 457 Medical Technology Seminar** 1

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*Students must complete the following courses prior to entering the Medical Technology Program: BIOL 115N, BIOL 250 & 251, CHEM 121 & 122, CHEM 123N & 124N, CHEM 211 & 212 and STAT 130M. Program requirements must be completed with a C or better; C- is not acceptable.

Requirements for graduation include a minimum cumulative grade point average of 2.00 overall and in the major, a minimum of 120 credit hours, which must include both a minimum of 30 credit hours overall and 12 credit hours in upper-level courses in the major program for Old Dominion University, completion of ENGL 110C and ENGL 211C; 221C or 231C; and the writing intensive (W) course in the major with a grade of C or better, and completion of Senior Assessment.