# Medical Technology, B.S. Degree (43-384)

This guide is valid for the 2012 Undergraduate Catalog only and is subject to change. This guide is a recommendation only and your actual program may vary. The time it takes to complete a degree and the sequence in which courses are taken will depend on any credits transferred to UCM and on placement in math, reading, and writing. See the current Undergraduate Catalog (www.ucmo.edu/academics/catalogs) for a complete listing of academic policies, curriculum, prerequisites, and course descriptions.

## Freshman Year - Fall Semester
- **BIOL 1000 The Discipline of Biology** 1 Hrs
- **BIOL 1110 Prin. of Biology or BIOL 1112 Animal Biology** 3-4 Hrs
- **CHEM 1131 General Chemistry I** 5 Hrs
- **ENGL 1020 Composition I** 3 Hrs
- **MATH 1111 College Algebra** 3 Hrs

**Semester Total:** 15-16 Hrs

## Freshman Year - Spring Semester
- **BIOL 2512 Cell Biology** 3 Hrs
- **BIOL 3401 Human Anatomy** 3 Hrs
- **CHEM 1132 General Chemistry II** 5 Hrs
- **ENGL 1030 Composition II** 3 Hrs
- **General Education** 3 Hrs

**Semester Total:** 17 Hrs

## Sophomore Year - Fall Semester
- **BIOL 3402 Human Physiology** 5 Hrs
- **CHEM 3341 Organic Chemistry I** 4 Hrs
- **General Education** 8 Hrs

**Semester Total:** 17 Hrs

## Sophomore Year - Spring Semester
- **BIOL 3413 Immunology** 3 Hrs
- **BIOL 3611 Microbiology** 4 Hrs
- **MATH 1300 Basic Statistics or PSY 4520 Statistics for Behavioral Sciences**
- **General Education** 3 Hrs

**Semester Total:** 16 Hrs

## Junior Year - Fall Semester
- **BIOL 3511 Genetics** 4 Hrs
- **BIOL 4000 Biology Colloquium** 1 Hrs
- **BIOL 4311 Parasitology** 4 Hrs
- **CHEM 3421 Intermediate Biochemistry** 3 Hrs
- **General Education** 3 Hrs

**Semester Total:** 15 Hrs

## Junior Year - Spring Semester
- **BIOL 4514 Molecular Biology** 3 Hrs
- **BIOL 4516 Hematology/Virology** 3 Hrs
- **ICAP 4222 The Biological Perspectives** 3 Hrs
- **General Education** 9 Hrs

**Semester Total:** 18 Hrs

## Senior Year - Summer Semester
- **BIOL 4015 Clinical Immunohematology** 4 Hrs
- **BIOL 4016 Clinical Urinalysis** 2 Hrs

**Semester Total:** 6 Hrs

## Senior Year - Fall Semester
- **BIOL 4017 Clinical Microbiology** 7 Hrs
- **BIOL 4018 Clinical Immunology** 5 Hrs

**Semester Total:** 12 Hrs

## Senior Year - Spring Semester
- **BIOL 4019 Clinical Biochemistry** 7 Hrs
- **BIOL 4020 Clinical Hematology** 4 Hrs
- **BIOL 4021 Clinical Special Topics** 1 Hrs

**Semester Total:** 12 Hrs

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**Medical Technology, B.S. Degree - 128-129 hours**

- **•** BIOL 1112 is recommended over BIOL 1110.

- **•** BIOL 4516 is only taught in the spring semesters of even numbered years. Adjust your schedule accordingly.

- **•** To satisfy the General Education Assessment Policy students must take the GEA exam during the semester in which a total of 45 credit hours will be earned. The minimum score of 425 must be achieved by the semester in which 75 credit hours will be earned. Go to UCM Testing Services in MyCentral for more information.