

Name: _____ Student ID# _____ Catalog Year: _____

This form is intended to allow you and your advisor to plan your medical technology curriculum. Please make sure you are using the checklist for your appropriate catalog year. Any transfer/equivalency credits must be approved by the biology department chair.

Required Courses

- BIOL 172 *Molecular Biology* (3)
- BIOL 181 *Genetics* (3)
- BIOL 182 *Evolution* (2)
- BIOL 308 *Immunology* (3)
- BIOL 313 *Advanced Microbiology* (5) or BIOL 208 *Introduction to Microbiology* (5)
- BIOL 322 *Advanced Genetics* (5)
- BIOL 351 *Junior Seminar I* (1)

One (1) option selected from the following:

- CHEM 121 *Introductory Chemistry* (5)
- CHEM 131/L *Foundations of Chemistry with Laboratory* (3/2)

- CHEM 238/L *Inorganic Chemistry with Laboratory* (3/2)
- CHEM 315/L *Organic Chemistry with Laboratory* (3/2)

- MATH 109 *College Algebra* (3)
- MATH 227 *Introduction to Statistics* (3)

One (1) course selected from the following list:

- BIOL 324 *Cell and Molecular Biology* (3)
- CHEM 336 *Biochemistry* (3)

A minimum of 94 semester hours and all Core courses are required prior to entrance in the Cox School of Medical Technology, and the final year of the curriculum will be completed at the Cox–South campus in Springfield. The Bachelor of Science degree with a major in Medical Technology will eventually be granted from Drury.

| Semester | | Courses | | | | | Professional Development | |
|-------------|--------|--|--|---|----------------------------------|---------------------------|---------------------------------------|---|
| First Year | Fall | ① BIOL 172 Molecular Biology | ② CHEM 121 Introductory Chemistry | or CHEM 131/L Found. Chem. + Lab | ③ MATH 109 College Algebra | FUSE 101 Frontiers | Drury Fusion (if room in schedule) | Statement of Purpose Resume Template Seek Internship and/or Shadowing Advice Begin volunteer efforts |
| | Spring | BIOL 181 Genetics BIOL 172 | CHEM 238/L Inorganic Chem. + Lab CHEM 121 or 131/L | MATH 227 Introduction to Statistics | Drury Fusion | FUSE 102 Intersections | | |
| Second Year | Fall | BIOL 182 Evolution BIOL 181 | ④ CHEM 315/L Organic Chem. & Lab CHEM 238 | Drury Fusion | | | | Internship and/or Shadowing Experiences Prepare for Research Attend Seminars Expand volunteer efforts |
| | Spring | BIOL 208 Introduction to Microbiology BIOL 172 | BIOL 308 Immunology BIOL 181; CHEM 238 | Drury Fusion | | | | |
| Third Year | Fall | BIOL 351 Junior Seminar I BIOL 181 | BIOL 313 Advanced Microbiology BIOL 181; CHEM 238 | CHEM 336 Biochemistry CHEM 312 or 315 | Drury Fusion | | | Internship and/or Shadowing Experiences Complete Statement of Purpose & Resume Attend Seminars Extended volunteer & research efforts <u>Apply to the Cox School of Medical Technology</u> <u>If admitted to CSMT,</u> apply to go on academic leave with Drury for final year. <u>If not admitted to CSMT for any reason,</u> switch major to BA-Biology. |
| | Spring | BIOL 324 Cell & Mol. Biology BIOL 181; Jr. Status | Drury Fusion | ⑤ | | | | |
| Fourth Year | Fall | Cox School of Medical Technology In Residence at CSMT | | | | | | |
| | Spring | Cox School of Medical Technology In Residence at CSMT | ⑥ | | | | | |

Notes

1. If in Biol 110, then shift Biol 172, 181, and 182 down as needed.
2. One year of introductory chemistry (i.e., Chem 121/238 or 131/238) is required for the medical technology program.
3. If college credit for Math 211 *Pre-calculus* or Math 231 *Calculus I* exists, then Math 109 is not required.
4. All Drury Fusion requirements must be completed prior to beginning the final year at the Cox School of Medical Technology.
5. The 12-month program at CSMT is completed **while on academic leave from Drury**, with tuition paid directly to CSMT (not to Drury). All credits from CSMT will automatically transfer back to Drury to complete the BS-Medical Technology degree from Drury University.

Legend

