**Bachelor of Science in Biology - Medical Technology**

**(4+1 Option)**

- **NEW FALL 2014** –

**First Year**

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<tr>
<th>Fall Semester</th>
<th>Credits</th>
<th>Major</th>
<th>Gen Ed</th>
<th>Spring Semester</th>
<th>Credits</th>
<th>Major</th>
<th>Gen Ed</th>
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<tbody>
<tr>
<td>BIO 200/201 Introduction to Biology I/Lab</td>
<td>4</td>
<td>X</td>
<td>NS</td>
<td>BIO 310/311 Genetics/Recitation</td>
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**Semester Total** 15

**Second Year**

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<tr>
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<td>CHM 331/336 Organic Chemistry I/Lab</td>
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<td>Bio 400 Orientation for Med Tech Students</td>
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<td>A&amp;B</td>
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**Semester Total** 16

**Third Year**

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<tr>
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**Semester Total** 13

**Fourth Year**

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<td>Medical Technology Elective**</td>
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**Apply for Spring graduation prior to Sep 9th**

**Semester Total** 16

**Degree Total (as listed in above sample): 120 (120 hours minimum required to earn degree)**

**Assumptions:** college-level readiness in MTH & ENG; no Foreign Language Deficiency

**College/Program Notes:**

The plan above is a suggested guide to ensure that all General Education, College, University, and Major requirements are met within 4 years of study. Students may deviate from the suggested placement of Gen Ed courses, although the M/GL and W/C requirements should be completed during the first year of study.

*General Electives ensure that a student accumulates the minimum credit hour totals needed for graduation. Students must have a minimum of 120 total credit hours, of which a minimum of 42 credit hours must be upper division (300 or 400-level courses). Depending upon other choices made, students may not need as many electives as indicated above, or may need additional electives.

**Medical Technology Electives must be chosen from a list of approved electives from BIO and CHM**

*Only one QL course can be applied to the M/GL requirement. The other course must be an MTH course.

**Gen Ed Key:**

- INTRO = Introduction to University Life (one course)
- M/GL = Mathematics/Quantitative Literacy (two courses)
- NS = Natural Sciences (two courses, one of which must have a lab)
- W/C = Writing/Composition (two courses; C or better required)
- A&B = Arts & Humanities (two courses, one must be focused outside the US)**
- SS = Social Sciences (two courses, one of which must be focused outside the US)**
- WAC/SPAC = Writing/Speaking Across the Curriculum (three courses, one in the major; C or better required)
- CAP = Capstone

**Notes:**

- **^** = Elective course selected from approved list
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Last Updated February 2014
### First Year

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### Fourth Year = Clinical Year - Taken at school of medical technology**

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**Assumptions: college-level readiness in MTH & ENG; no Foreign Language Deficiency**

**College/Program Notes:**

The plan above is a suggested guide to ensure that all General Education, College, University, and Major requirements are met within 4 years of study. Students may deviate from the suggested placement of Gen Ed courses, although the M/QL and W/C requirements should be completed during the first year of study.

*Electives ensure that a student accumulates the minimum credit hour totals needed for graduation. Students must have a minimum of 120 total credit hours, of which a minimum of 42 credit hours must be upper division (300 or 400-level courses). Depending upon other choices made, students may not need as many electives as indicated above, or may need additional electives.

**3 years of study at Cleveland State University is followed by 1 year of clinical laboratory training in an affiliated school of medical technology. Students do not enroll at Cleveland State during their 4th year and instead enroll at the school of medical technology (note – students are not eligible for financial aid from Cleveland State during this clinical year). After completion of the 4th year, 32 credit hours are transferred back to Cleveland State and are counted toward the degree. The letter grades earned during the internship appear on the student’s records, but are not included in the computation of the grade-point average.

*Only one QL course can be applied to the M/QL requirement. The other course must be an MTH course.

**University Notes:**

<table>
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<tr>
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<tr>
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<td>DIV = Social Diversity (two courses; one US Diversity and one African American Experience)</td>
</tr>
<tr>
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<td>WAC/SPAC = Writing/Speaking Across the Curriculum (three courses, one in the major; C or better required)</td>
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<tr>
<td>** of the SS and A&amp;H courses focused outside the US, one must be focused on Africa, Latin America, Asia or the Middle East (ALAAME)</td>
<td>CAP = Capstone</td>
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</table>

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