Medical Technology, B.S., (MET) Catalog Years 2018 & Later

Required Courses for the Medical Technology Internship: 56 Total Credits
Please note that a grade of “C” or higher is required for all courses in the major

Required Lower Level Courses: 36-37 Total Credits

Chemistry Courses: 18 Credits
- □ CHM 2045 □ CHM 2045L General Chem. I & Lab
- □ CHM 2046 □ CHM 2046L General Chem. II & Lab
- □ CHM 2210 □ CHM 2210L Organic Chem. I & Lab
- □ CHM 2211 □ CHM 2211L Organic Chem. II & Lab

Note: MAC 1105 & 1 year of High School Chemistry are pre-requisites for CHM 2045/L

Biology Courses: 8 Credits
- □ BSC 2010 □ BSC 2010L Cellular Processes & Lab
- □ BSC 2011 □ BSC 2011L Biodiversity & Lab

Mathematics Courses: 6-7 Credits
- □ MAC 1105 College Algebra OR □ MAC 1147 Pre-Calc Algebra & Trig.
- □ STA 2023 Intro. to Statistics

Anatomy & Physiology & Lab: 4 Credits
- □ BSC 2093C (Fall only) OR □ BSC 2085 & □ BSC 2085L Anatomy and Physiology I & Lab

Required Upper Level Courses: 19 Total Credits

<table>
<thead>
<tr>
<th>Course Prefix &amp; Number</th>
<th>Course Title</th>
<th>Cr</th>
<th>Pre-requisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>□ PCB 3023</td>
<td>Cell Biology</td>
<td>3</td>
<td>BSC 2010 &amp; Lab AND CHM 2046</td>
</tr>
<tr>
<td>□ PCB 3023 Lab</td>
<td>Cell Biology Lab</td>
<td>1</td>
<td>BSC 2010 &amp; Lab AND CHM 2046 AND PCB 3023 as a pre-requisite or as co-requisite</td>
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<tr>
<td>□ BCH 3053</td>
<td>General Biochemistry</td>
<td>3</td>
<td>CHM 2210, BSC 2010</td>
</tr>
<tr>
<td>□ MCB 3020</td>
<td>General Microbiology</td>
<td>3</td>
<td>BSC 2010 &amp; Lab, BSC 2011 &amp; Lab, and CHM 2210</td>
</tr>
<tr>
<td>□ MCB 3020L</td>
<td>General Microbiology Lab</td>
<td>1</td>
<td>MCB 3020 as co-requisite</td>
</tr>
<tr>
<td>□ PCB 4234 (preferred)</td>
<td>Principles of Immunology</td>
<td>3</td>
<td>Prerequisites: PCB3023 or PCB3063 or MCB3020 &amp; Lab AND CHM2210 and MAC1105 or a higher MAC course or STA2023 AND Co-requisites or Pre-requisites: PCB3023 or PCB3063 or PCB3043 or PCB3712 AND CHM2211</td>
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<tr>
<td>OR HSC 4504</td>
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<tr>
<td>□ MCB 4115 (Fall only)</td>
<td>Determinative Bacteriology</td>
<td>3</td>
<td>MCB 3020 &amp; Lab</td>
</tr>
<tr>
<td>□ MCB 4115L (Fall only)</td>
<td>Determinative Bacteriology Lab</td>
<td>2</td>
<td>MCB 4115 as co-requisite</td>
</tr>
</tbody>
</table>

Internship Information
The BS degree in Medical Technology includes three years of study on campus and a fourth year of internship at one of three participating hospitals: Tampa General (Tampa), Bayfront Health St. Petersburg (St. Petersburg), or St. Vincent’s HealthCare (Jacksonville). Admission to the fourth year is limited by the number of openings in affiliated hospitals and is competitive. Selection for the clinical program is made by the hospitals and students not admitted to a clinical program may need to select an alternative degree. Minimum GPA requirements range from a 2.5 to 2.75 however, our students admitted to clinical programs in recent years have had a mean GPA of 3.3 or higher.

Upon successful completion of the pre-requisite curriculum and acceptance by one of the affiliated hospitals, the student will complete 12 continuous months of training at that hospital. Hospital programs begin in July or early August of each year. St. Vincent’s HealthCare also has a program beginning in January. During this clinical training, the student will continue to be registered as a full-time student at the University and will receive a total of 30 credit hours of work. All students are encouraged to regularly meet with an advisor regarding scheduling and internship preparation. For more information please see our website: http://chemistry.usf.edu/undergraduate/degree/medical/

Required Courses—Clinical Internship: 30 Total Credits

- □ MLS 4038: Introduction to Medical Technology
- □ MLS 4816: Clinical Immunology
- □ MLS 4863: Clinical Microbiology
- □ MLS 4865: Clinical Immunohematology

Note: These courses will satisfy the remaining 42 hour Upper level hours
USF Chemistry Advising  
SCA 203; tel. 813-974-3250; fax. 813-974-2876 Email: chemadvise@usf.edu  
Schedule your advising appointment at [http://chemistry.usf.edu/advising/appt/](http://chemistry.usf.edu/advising/appt/)  
To declare your major visit: [http://www.cas.usf.edu/declare](http://www.cas.usf.edu/declare)

Students should regularly review their DegreeWorks audit to ensure they are on track to complete all graduation requirements, and in preparation for all advising appointments.

If you are already declared as a Medical Technology major, follow these steps to review your Degree Works report online:

Go to [http://Degreeworks.usf.edu](http://Degreeworks.usf.edu) → Type in NetID and password →  
View your degree audit! (DegreeWorks can also be accessed through Canvas and OASIS)

**General Education Common Core & Additional USF Enhanced General Education courses:**

- ENC 1101 (3cr)
- ENC 1102 (3cr)
- Gen Ed Core Social/Behavioral Sciences (3cr)  
  (Select from: AMH 2020, ANT 2000, ECO 2013, POS 2041, PSY 2012, and SYG 2000)
- Gen Ed Core Humanities (3cr)  
- Enhanced General Education— Information & Data Literacy (3cr)
- Enhanced General Education – Ethical Reasoning & Civic Engagement (3cr)
- Enhanced General Education – Creative Thinking (3cr)
- Enhanced General Education – Human/Cultural Diversity (3cr)
- Enhanced General Education—High Impact Practice (3cr)

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**Credits:**

- **120 credits**: A Bachelor’s degree requires a minimum of 120 credit hours.
- **42 upper level credits**: All students are required to take at least 42 credits at the 3000 & 4000 level. Please note: The Medical Technology courses will satisfy _____ credits of the required 42 credits. Based on the number of upper level credits you have already taken, you have _____ upper level credits remaining, outside of the major courses.
- **9 credit summer rule**: All students who enter USF with fewer than 60 credits are required to take at least 9 credits of course work in the summer at a State University System (SUS) 4-year University.

**12 cr of Gordon Rule Writing** ENC 1101 & ENC 1102, and two additional courses

**FLENT**: Foreign Language Entrance Requirement: All students must have two years of the same foreign language in high school. Students without this requirement must take two semesters of foreign language in college.

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See the USF catalog for a complete list of graduation requirements. The final responsibility for meeting all graduation requirements stated in the catalog rests with the student. This sheet is not meant to be a complete list of University Graduation requirements.