

Biomedical Laboratory Science Resource Sheet

Hybrid

<p>General Resources:</p> <p>https://quizlet.com/127269636/hosa-biomedical-laboratory-science-sg-flash-cards/</p> <p>https://quizlet.com/shreyanair99/folders/hosa-biomedical-laboratory-science/sets</p>	<p>General Resources</p> <p>https://quizlet.com/124064856/hosa-biomedical-laboratory-test-all-flash-cards/</p> <p>https://quizlet.com/192050126/hosa-biomedical-laboratory-science-combined-flash-cards/</p>
<p><u>Biotechnology industry, equipment and products (10%)</u></p> <p>https://www.bio-rad.com/featured/en/biotechnology-equipment.html</p> <p>https://www.carolina.com/biotechnology-teaching-resources/biotechnology-equipment-labware/10108.ct</p> <p>https://quizlet.com/35289878/hosa-biotech-lab-equipment-flash-cards/*</p> <p>https://tinyurl.com/yy5ag5cn*</p> <p>Video: https://www.youtube.com/watch?v=OUjDCMnBstM</p> <p><u>Raw materials of biotechnology (8%)</u></p> <p>https://newton.instructure.com/files/150420/download?download_frd=1</p> <p>https://quizlet.com/103923885/raw-materials-of-biotechnology-flash-cards/*</p> <p>https://tinyurl.com/y4rmdnxf*</p>	<p><u>Biotechnology in Health (10%)</u></p> <p>https://www.hilarispublisher.com/open-access/role-of-biotechnology-in-improving-human-health-2155-9929-1000309.pdf</p> <p>https://www.healthaffairs.org/doi/full/10.1377/hlthaff.2014.1023*</p> <p>https://tinyurl.com/y3c7kkuc*</p> <p>Video: https://www.youtube.com/watch?v=y7pw74CpsCwo</p> <p><u>DNA synthesis, sequencing and genomics (8%)</u></p> <p>https://www.khanacademy.org/science/high-school-biology/hs-molecular-genetics/hs-biotechnology/a/dna-sequencing</p> <p>http://data-science-sequencing.github.io/Win2018/lectures/lecture2/*</p>

Raw materials of biotechnology cont.

<https://studylib.net/doc/7767646/ch-2-%E2%80%93-raw-materials-of-biotechnology>

Lab safety and infection control (10%)

<http://clinlab.uams.edu/wp-content/uploads/sites/74/2016/01/LABORATORY-SAFETY-PLAN-Infection-Control.pdf>*

<https://tinyurl.com/y6egqp2f>*

<https://quizlet.com/219006294/lab-safety-and-infection-control-technology-flash-cards/>*

<https://quizlet.com/472446748/biomedical-lab-science-lab-safetyinfection-control-flash-cards/>*

DNA structure and function (8%)

<https://www.khanacademy.org/test-prep/mcat/biomolecules/dna/a/dna-structure-and-function>*

<https://courses.lumenlearning.com/microbiology/chapter/structure-and-function-of-dna/>*

<https://tinyurl.com/y4rwbvdz> *

<https://www.ncbi.nlm.nih.gov/books/NBK26821/>

Video: <https://www.youtube.com/watch?v=RA9n0Enu5Gw>

Video: <https://www.youtube.com/watch?v=POdWsii7AI>

DNA synthesis, sequencing and genomics cont.

<https://www.genome.gov/about-genomics/fact-sheets/A-Brief-Guide-to-Genomics>

<https://quizlet.com/241896941/lecture-14-dna-sequencing-flash-cards/>*

<http://www2.csudh.edu/nsturm/CHEM153/DNASynthesis.htm>

<https://quizlet.com/459525018/hosa-dna-synthesis-sequencing-and-genomics-flash-cards/>*

Clinical Chemistry (8%)

https://www.corelaboratory.abbott/sal/learningGuide/ADD-00061345_ClinChem_Learning_Guide.pdf*

<https://quizlet.com/112403701/clinical-chemistry-final-study-guide-flash-cards/>*

<https://www.slideshare.net/kippie2013/clinical-chemistry-review-sheet-for-mlt-certification-and-ascp>

<https://quizlet.com/46834848/clinical-chemistry-flash-cards/>

Video: <https://tinyurl.com/y54obr3u>

Hematology and Hemostasis (10%)

<https://tinyurl.com/y2cth7fm>*

<https://www.corelaboratory.abbott/sal/learningGuide/ADD-00062218-Hematology-Learning-Guide.pdf>

Proteins and enzymes (10%)

<https://www.khanacademy.org/science/biology/macromolecules/proteins-and-amino-acids/a/introduction-to-proteins-and-amino-acids>*

<https://tinyurl.com/y2m3499n>

<https://courses.lumenlearning.com/wm-biology1/chapter/reading-function-of-proteins/>*

<https://www.medicalnewstoday.com/articles/319704#the-basics>*

<https://www.khanacademy.org/test-prep/mcat/biomolecules/enzyme-structure-and-function/a/enzyme-structure-and-function>*

Video: https://www.youtube.com/watch?v=2Jgb_DpaQhM

Video: <https://www.youtube.com/watch?v=qgVFkRn8f10>

Genetic engineering (8%)

<https://www.genome.gov/genetics-glossary/Genetic-Engineering>*

<https://quizlet.com/77573039/genetic-engineering-study-guide-flash-cards/>*

<https://www.britannica.com/science/genetic-engineering>*

Video: <https://www.youtube.com/watch?v=4fBQ2umTaMA>

Hematology and Hemostasis cont.

<https://quizlet.com/6099454/hematology-study-guide-flash-cards/>*

<https://quizlet.com/107956851/hemostasis-study-guide-flash-cards/>*

<https://quizlet.com/390345189/hemostasis-study-questions-flash-cards/>

<https://opentextbc.ca/anatomyandphysiology/chapter/18-5-hemostasis/>

Careers in medical lab and biotechnology (10%)

<https://quizlet.com/346975308/careers-in-medical-lab-and-biotechnology-flash-cards/>*

<https://www.northeastern.edu/graduate/blog/biotechnology-careers/>

https://www.massbioed.org/career_pathways/careers_in_biotech/biotech_career_listing