

**Missouri State University**

Catalog Year  
Reviewed Accepted

Biochemistry

BMS 321	Biomolecular Interactions	2014-2015	YES
CHM 352	Introduction to Biochemistry	2014-2015	YES

Biology with Lab

BIO 210	Elements of Microbiology (with Lab)	2012-2013	YES
BIO 310	Microbiology (with Lab)	2012-2013	YES
BMS 110	Concepts of Biomedical Sciences (with Lab)	2010-2011	YES
BMS 231	Human Genetics with Lab	2011-2012	YES

General Chemistry I with Lab

CHM 160 + CHM 161	General Chemistry I + General Chemistry I Lab	2011-2012	YES
CHM 160 + CHM 175	General Chemistry I + General Chemistry Laboratory (Lab suffices for Gen Chem I and II)	2010-2011	YES

General Chemistry II with Lab

CHM 170 + CHM 171	General Chemistry II + General Chemistry II Lab	2011-2012	YES
CHM 170 + CHM 175	General Chemistry II + General Chemistry Laboratory (Lab suffices for Gen Chem I and II)	2011-2012	YES

Human Anatomy

BMS 307	Human Anatomy	2013-2014	YES
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Mathematics

MTH 135	College Algebra	2010-2011	YES
MTH 138	Pre-Calculus Mathematics	2013-2014	YES
MTH 287	Computational Calculus I	2011-2012	YES
PBH 730	Biostatistics in Health Sciences	2013-2014	YES

Medical Terminology

LLT 102	Scientific and Medical Terminology	2014-2015	YES
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Organic Chemistry I with Lab

CHM 342	Organic Chemistry I (with Lab)	2012-2013	YES
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Organic Chemistry II with Lab

CHM 343	Organic Chemistry II (with Lab)	2013-2014	YES
CHM 344	Organic Chemistry II (Lecture ONLY, must take lab component)	2014-2015	YES

## Master of Science in Anesthesia - Applicable Pre-Requisites

The evaluated courses from the selected institution are categorized by the UMKC pre-requisite that they align to. The UMKC pre-requisite required is underlined and italicized, and the acceptable course(s) from the selected institution are listed below each pre-requisite.

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### Physics I with Lab

PHY 123	Introduction to Physics I (with Lab)	2012-2013	YES
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### Physics II with Lab

PHY 124	Introduction to Physics II (with Lab)	2013-2014	YES
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PHY 204	Foundations of Physics II (with Lab)	2009-2010	YES
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### Physiology

BIO 361	General Physiology	2014-2015	YES
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BMS 308	Human Physiology	2012-2013	YES
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