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MSAR
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Medical School Admission Requirements™ (MSAR®) Report for Applicants and Advisors

Premed Course Requirements

2027

Source: Information provided directly by individual medical schools.

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: Yes : No : Case-by-Case

USA

State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
AL	Frederick P. Whiddon College of Medicine at the University of South Alabama	Anthropology	BESS	Required	Anthropology or any of the Behavioral and Social Sciences courses will be accepted. Applicants should have 3 semester hours in the Social Sciences and 3 semester hours in the Behavioral Sciences.	6	✗	● We will accept Pass/Fail grading for prerequisite coursework completed in the Spring semester of 2020.	● U.S. Advanced Placement credits will be accepted with proper denotation on the undergraduat e transcript.	✓	✓
		Biochemistry	CHEM	Recommended	Biochemistry may take the place of Organic Chemistry II.		✓	● We will accept Pass/Fail grading for prerequisite coursework completed in the Spring semester of 2020.	✗	● We will accept online coursework for the Spring, Summer, and Fall semesters of 2020. Online coursework completed in the Spring semester of 2021 will be reviewed on a case-by-case basis.	✓

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USA

State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
AL	Frederick P. Whiddon College of Medicine at the University of South Alabama	Biology	BIOL	Required		8	✓	● We will accept Pass/Fail grading for prerequisite coursework completed in the Spring semester of 2020.	● U.S. Advanced Placement credits will be accepted with proper denotation on the undergraduate transcript.	● We will accept online coursework completed in the Spring, Summer, and Fall semesters of 2020. Online coursework completed in the Spring semester of 2021 will be reviewed on a case-by-case basis.	✓
		Chemistry	CHEM	Required	General Chemistry	8	✓	● We will accept Pass/Fail grading for prerequisite coursework completed in the Spring semester of 2020.	● U.S. Advanced Placement credits will be accepted with proper denotation on the undergraduate transcript.	● We will accept online coursework completed in the Spring, Summer, and Fall semesters of 2020. Online coursework completed in the Spring semester of 2021 will be reviewed on a case-by-case basis.	✓

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USA

State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
AL	Frederick P. Whiddon College of Medicine at the University of South Alabama	Composition & Rhetoric	ENGL	Required	English Literature may be used in place of a portion or all of English Composition.	6		We will accept Pass/Fail grading for prerequisite coursework completed in the Spring semester of 2020.	U.S. Advanced Placement credits will be accepted with proper denotation on the undergraduate transcript.		
		Literature	ENGL	Required	English Composition may be used in place of a portion or all of English Literature.	6		We will accept Pass/Fail grading for prerequisite coursework completed in the Spring semester of 2020.	U.S. Advanced Placement credits will be accepted with proper denotation on the undergraduate transcript.		
		Mathematics	MATH	Required	Calculus is preferred.	6		Pass/Fail is accepted for the 2020 Spring Semester	U.S. Advanced Placement credits will be accepted with proper denotation on the undergraduate transcript.		
		Physics	PHYS	Required		8					

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
AL	Frederick P. Whiddon College of Medicine at the University of South Alabama							We will accept Pass/Fail grading for prerequisite coursework completed in the Spring semester of 2020.	U.S. Advanced Placement credits will be accepted with proper denotation on the undergraduate transcript.	We will accept online coursework completed in the Spring, Summer, and Fall semesters of 2020. Online coursework completed in the Spring semester of 2021 will be reviewed on a case-by-case basis.	
		Statistics	MATH	Recommended				Pass/Fail is accepted for the 2020 Spring Semester	U.S. Advanced Placement credits will be accepted with proper denotation on the undergraduate transcript.		
AL	University of Alabama at Birmingham Marnix E. Heersink School of Medicine	Biochemistry	CHEM	Required		3					
		Biology	BIOL	Required	General Biology - Applicants awarded AP or CLEP credit for biology are expected to complete 8 hours of additional advanced biology coursework.	8				Labs should be completed in-person.	
		Biostatistics	MATH	Required	3 semester hours of biostatistics or statistics OR 6 semester hours of college math. Applicants awarded AP or CLEP credit for statistics or college mathematics are expected to complete a college level biostatistics course to meet the requirement.	3					
		Composition & Rhetoric	ENGL	Required	Complete at least 6 semester hours of college level English, writing composition, or writing intensive coursework.	6					

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
AL	University of Alabama at Birmingham Marnix E. Heersink School of Medicine	Physics	PHYS	Required		8	✓	✗	✓	✓	✓
		Psychology	BESS	Required	Any behavioral or social science coursework that addresses the biological, psychological, and/or sociocultural factors that influence perceptions, behaviors, interactions and well-being will be accepted.	3	✗	✗	✓	✓	✓
AR	Alice L. Walton School of Medicine	Biochemistry	CHEM	Recommended	We require 24 hours of math and science course work, but recommend biochemistry course work with a lab component. It is anticipated that applicants will have completed some of the recommended upper division courses.		✗	✓	✗	✓	✓
		Biology	BIOL	Recommended	We require 24 hours of math and science course work, but recommend biology course work with a lab component. It is anticipated that applicants will have completed some of the recommended upper division courses.		✗	✓	✗	✓	✓
		Cell Biology	BIOL	Recommended	We require 24 hours of math and science course work, but recommend biology course work with a lab component. It is anticipated that applicants will have completed some of the recommended upper division courses.		✗	✓	✗	✓	✓
		Chemistry	CHEM	Recommended	We require 24 hours of math and science course work, but recommend chemistry course work with a lab component. It is anticipated that applicants will have completed some of the recommended upper division courses.		✗	✓	✗	✓	✓
		Genetics	BIOL	Recommended	We require 24 hours of math and science course work, but recommend biology course work with a lab component. It is anticipated that applicants will have completed some of the recommended upper division courses.		✗	✓	✗	✓	✓
		Immunology	BIOL	Recommended	We require 24 hours of math and science course work, but recommend biology course work with a lab component. It is anticipated that applicants will have completed some of the recommended upper division courses.		✗	✓	✗	✓	✓
		Microbiology	BIOL	Recommended	We require 24 hours of math and science course work, but recommend biology course work with a lab component. It is anticipated that applicants will have completed some of the recommended upper division courses.		✗	✓	✗	✓	✓

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AR	Alice L. Walton School of Medicine	Molecular Biology	BIOL	Recommended	We require 24 hours of math and science course work, but recommend biology course work with a lab component. It is anticipated that applicants will have completed some of the recommended upper division courses.		✗	✓	✗	✓	✓
		Physics	PHYS	Recommended	We require 24 hours of math and science course work, but recommend physics course work with a lab component. It is anticipated that applicants will have completed some of the recommended upper division courses.		✗	✓	✗	✓	✓
		Physiology	BIOL	Recommended	We require 24 hours of math and science course work, but recommend biology course work with a lab component. It is anticipated that applicants will have completed some of the recommended upper division courses.		✗	✓	✗	✓	✓
		Psychology	BESS	Recommended			✗	✓	✗	✓	✓
		Sociology	BESS	Recommended			✗	✓	✗	✓	✓
		Statistics	MATH	Recommended	We require 24 hours of math and science course work, but recommend statistics course work. It is anticipated that applicants will have completed some of the recommended upper division courses.		✗	✓	✗	✓	✓
AR	University of Arkansas for Medical Sciences College of Medicine	Biology	BIOL	Required		6	✗	✓	✓	✓	✓
		Chemistry	CHEM	Required	Three semesters of chemistry to include one semester of organic chemistry and one semester of biochemistry. Labs not required.	9	✗	✓	✓	✓	✓
		Composition & Rhetoric	ENGL	Required	English courses as listed on the applicant's academic transcript. Writing intensive courses on a case-by-case basis. Will accept Oral Communications for 3 credit hours.	6	✗	✓	✓	✓	✓
		Genetics	BIOL	Required	Of the nine credit hours required for the biology coursework, one semester must be Genetics.	3	✗	✓	✓	✓	✓
		Physics	PHYS	Required	6 credit hours	6	✗	✓	✓	✓	✓
		Psychology	BESS	Required	Psychology, sociology, anthropology, family studies, etc.	6	✗	✓	✓	✓	✓
		Statistics	MATH	Required		3	✗	✓	✓	✓	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
AZ	Arizona State University School of Medicine and Advanced Medical Engineering (SOMME)	Anatomy	BIOL	Recommended		3	✗	P/F only if courses taken during COVID in years 2020-2022	Case by Case AP for introductory level coursework only	Case by Case Online only if taken for credit with a regionally accredited institution from the US or Canada	✓
		Biochemistry	CHEM	Recommended		3	✗	Case by Case P/F only if courses taken during COVID in years 2020-2022	Case by Case AP for introductory level coursework only	Case by Case Online only if taken for credit with a regionally accredited institution from the US or Canada	✓
		Biology	BIOL	Recommended		3	✗	P/F only if courses taken during COVID in years 2020-2022	Case by Case AP for introductory level coursework only	Case by Case Online only if taken for credit with a regionally accredited institution from the US or Canada	✓
		Biostatistics	MATH	Recommended		3	✗	Case by Case P/F only if courses taken during COVID in years 2020-2022	Case by Case AP for introductory level coursework only	Case by Case Online only if taken for credit with a regionally accredited institution from the US or Canada	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
AZ	Arizona State University School of Medicine and Advanced Medical Engineering (SOMME)	Chemistry	CHEM	Recommended		3		Case by Case P/F only if courses taken during COVID in years 2020-2022	Case by Case AP for introductory level coursework only	Case by Case Online only if taken for credit with a regionally accredited institution from the US or Canada	
		Genetics	BIOL	Recommended		3		Case by Case P/F only if courses taken during COVID in years 2020-2022	Case by Case AP for introductory level coursework only	Case by Case Online only if taken for credit with a regionally accredited institution from the US or Canada	
		Human Anatomy	BIOL	Recommended		2		Case by Case P/F only if courses taken during COVID in years 2020-2022	Case by Case AP for introductory level coursework only	Case by Case Online only if taken for credit with a regionally accredited institution from the US or Canada	
		Mathematics	MATH	Recommended		3		Case by Case P/F only if courses taken during COVID in years 2020-2022	Case by Case AP for introductory level coursework only	Case by Case Online only if taken for credit with a regionally accredited institution from the US or Canada	

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
AZ	Arizona State University School of Medicine and Advanced Medical Engineering (SOMME)	Organic Chemistry	CHEM	Recommended		3		Case by Case P/F only if courses taken during COVID in years 2020-2022	Case by Case AP for introductory level coursework only	Case by Case Online only if taken for credit with a regionally accredited institution from the US or Canada	
		Physics	PHYS	Recommended		3		Case by Case P/F only if courses taken during COVID in years 2020-2022	Case by Case AP for introductory level coursework only	Case by Case Online only if taken for credit with a regionally accredited institution from the US or Canada	
		Physiology	BIOL	Recommended		3		Case by Case P/F only if courses taken during COVID in years 2020-2022	Case by Case AP for introductory level coursework only	Case by Case Online only if taken for credit with a regionally accredited institution from the US or Canada	
		Statistics	MATH	Recommended		3		Case by Case P/F only if courses taken during COVID in years 2020-2022	Case by Case AP for introductory level coursework only	Case by Case Online only if taken for credit with a regionally accredited institution from the US or Canada	

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AZ	University of Arizona College of Medicine	Anatomy	BIOL	Required	Physiology or Anatomy course 2 semesters or 3 quarters Labs recommended when applicable 2 semesters or 3 quarters			case by case			
		Biochemistry	CHEM	Required	Biochemistry (or 1 semester Biochemistry/1 semester of Genetics)			case by case basis for pass-fail courses			
		Biology	BIOL	Required	Upper-division of any two from different disciplines of the following: Molecular Biology, Cell Biology, Histology, Microbiology, Pharmacology, Pathology, or Immunobiology OR can use 1 semester of any Genetics course if taken 2 semesters of Biochemistry (includes lower division)			case by case			
		Composition & Rhetoric	ENGL	Required	English (or other writing intensive course) 2 semesters or 3 quarters			case by case			
		Physiology	BIOL	Required	Physiology or Anatomy course 2 semesters or 3 quarters Labs recommended when applicable			case by case			
		Psychology	BESS	Required	Social & Behavioral Sciences (e.g. Psychology, Sociology, Public Health) 1 semester or 2 quarters			case by case			
		Statistics	MATH	Required	Statistics (Biostatistics recommended)			case by case			
AZ	University of Arizona College of Medicine - Phoenix	Biochemistry	CHEM	Required		2					
		Biology	BIOL	Required	Two (2) courses in the biological sciences (one course in human or mammalian anatomy and physiology is strongly recommended).	4					
		Chemistry	CHEM	Required	one additional course in any area of chemistry	2					

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AZ	University of Arizona College of Medicine - Phoenix	Composition & Rhetoric	ENGL	Required	Two (2) courses that are writing-intensive. These courses don't necessarily need to be within the English department but can be any courses that are designated as writing-intensive.	4	✗	✗	✓	✓	✓
		Mathematics	MATH	Required	A mathematics course more advanced than college algebra (e.g. statistics, precalculus, etc.)	2	✗	✗	✓	✓	✓
CA	California Northstate University College of Medicine	Anatomy	BIOL	Recommended			✗	✗	✗	✗	✗
		Biochemistry	CHEM	Required	1 semester, 1 quarter, or 3 units of Biochemistry	3	✗	✗	✗	✗	✓
		Biology	BIOL	Required	2 semesters, or 3 quarters, or 1 year of Biology with Laboratory	8	✓	✗	✗	✗	✓
		Chemistry	CHEM	Required	2 semesters, or 2 quarters of Organic Chemistry with a minimum of 8 units with Laboratory	8	✓	✗	✗	✗	✓
		Immunology	BIOL	Recommended			✗	✗	✗	✗	✗
		Inorganic Chemistry	CHEM	Required	2 semesters, or 2 quarters of Inorganic (General) Chemistry with a minimum of 8 units with Laboratory	8	✓	✗	✗	✗	✓
		Literature	ENGL	Required	2 semesters, 3 quarters, or 1 year of college level English (IB or AP credits may be considered if they are accepted by the undergraduate program)	6	✗	✗	✓	✗	✓
		Mathematics	MATH	Required	2 semesters, or 3 quarters of college level Math (Statistics and/or Calculus preferred)	6	✗	✗	✗	✗	✓
		Physics	PHYS	Required	2 semesters, or 3 quarters, or 1 year of Physics	6	✗	✗	✗	✗	✓
		Physiology	BIOL	Recommended			✗	✗	✗	✗	✗
CA	California University of Science and Medicine-School of Medicine	Biology	BIOL	Recommended		12	✓	✓	✓	✓	✓
		Chemistry	CHEM	Recommended		12	✓	✓	✓	✓	✓
		Literature	ENGL	Recommended		12	✗	✓	✓	✓	✓
		Mathematics	MATH	Recommended		12	✗	✓	✓	✓	✓
		Physics	PHYS	Recommended		12	✓	✓	✓	✓	✓
		Sociology	BESS	Recommended			✗	✓	✓	✓	✓
		Sociology	BESS	Recommended		12	✗	✓	✓	✓	✓

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CA	Charles R. Drew University of Medicine and Science College of Medicine	Biochemistry	CHEM	Recommended		3	✗	✗	✗	✓	✓
		Biology	BIOL	Required		6	✓	✗	✗	✓	✓
		Chemistry	CHEM	Required		6	✓	✗	✗	✓	✓
		Composition & Rhetoric	ENGL	Required		4	✗	✗	✗	✓	✓
		Mathematics	MATH	Required	Calculus	4	✗	✗	✓	✓	✓
		Organic Chemistry	CHEM	Required		6	✓	✗	✗	✗	✓
		Physics	PHYS	Required		4	✓	✗	✗	✓	✓
		Psychology	BESS	Recommended		3	✗	✗	✗	✓	✓
		Sociology	BESS	Recommended		3	✗	✗	✗	✓	✓
CA	Kaiser Permanente Bernard J. Tyson School of Medicine	Biochemistry	CHEM	Recommended			✗	● The school will accept Pass/Fail grades, for courses taken by applicants during the COVID-19 pandemic (applicable for the spring, summer, fall 2020, and spring 2021 quarter or semester).	● We accept AP credits if your undergraduate institution awarded them toward graduation and they appear on your official transcript.	✓	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
CA	Kaiser Permanente Bernard J. Tyson School of Medicine	Biology	BIOL	Required	KPSOM accepts all courses listed under the Biology course requirement section of the AMCAS Course Classifications.		✓	The school will accept Pass/Fail grades, for courses taken by applicants during the COVID-19 pandemic (applicable for the spring, summer, fall 2020, and spring 2021 quarter or semester).	We accept AP credits if your undergraduate institution awarded them toward graduation and they appear on your official transcript.	Online lecture courses are accepted. Associated labs must be taken on-site.	✓
		Chemistry	CHEM	Required	KPSOM accepts all courses listed under the Chemistry section of the AMCAS Course Classifications Guide		✓	KPSOM will accept Pass/Fail grades, for courses taken by applicants during the COVID-19 pandemic (applicable for the spring, summer, fall 2020, and spring 2021 quarter or semester).	We accept AP credits if your undergraduate institution awarded them toward graduation and they appear on your official transcript.	Online lecture courses are accepted. Associated labs must be taken on-site.	✓
		Composition & Rhetoric	ENGL	Required	KPSOM accepts all courses listed under the English Language and Literature (ENGL) section of the AMCAS Course Classifications Guide.		✗			✓	✓

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USA

State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
CA	Kaiser Permanente Bernard J. Tyson School of Medicine							The school will accept Pass/Fail grades, for courses taken by applicants during the COVID-19 pandemic (applicable for the spring, summer, fall 2020, and spring 2021 quarter or semester).	We accept AP credits if your undergraduate institution awarded them toward graduation and they appear on your official transcript.		
		Physics	PHYS	Required	KPSOM accepts all courses listed under the Biology section of the AMCAS Course Classifications Guide		✓	The school will accept Pass/Fail grades, for courses taken by applicants during the COVID-19 pandemic (applicable for the spring, summer, fall 2020, and spring 2021 quarter or semester).	We accept AP credits if your undergraduate institution awarded them toward graduation and they appear on your official transcript.	We accept AP credits if your undergraduate institution awarded them toward graduation and they appear on your official transcript.	✓
		Sociology	BESS	Required	KPSOM accepts all courses listed under the Behavioral and Social Sciences section of the AMCAS Course Classifications Guide		✗			✓	✓

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USA

State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
CA	Kaiser Permanente Bernard J. Tyson School of Medicine							The school will accept Pass/Fail grades, for courses taken by applicants during the COVID-19 pandemic (applicable for the spring, summer, fall 2020, and spring 2021 quarter or semester).	We accept AP credits if your undergraduat e institution awarded them toward graduation and they appear on your official transcript.		
		Statistics	MATH	Recommended			✗	KPSOM will accept Pass/Fail grades, for courses taken by applicants during the COVID-19 pandemic (applicable for the spring, summer, fall 2020, and spring 2021 quarter or semester).	We accept AP credits if your undergraduat e institution awarded them toward graduation and they appear on your official transcript.	✓	✓
CA	Keck School of Medicine of the University of Southern California	Statistics	MATH	Recommended			✗	✓	✓	✓	✓
CA	Loma Linda University School of Medicine	Biochemistry	CHEM	Required	One academic term. Organic Chemistry may not be substituted for this requirement. We will accept Pass/Fail for coursework taken during the winter/spring 2020 academic terms only.	3	✗	✗	✗	✓	✓
		Biology	BIOL	Required	One year sequence. We will accept Pass/Fail for coursework taken during the winter/spring 2020 academic terms only.		✓	✗	✗	✓	✓

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CA	Loma Linda University School of Medicine	Chemistry	CHEM	Required	One year sequence each of General Chemistry and Organic Chemistry. We will accept Pass/Fail for coursework taken during the winter/spring 2020 academic terms only.		✓	✗	✗	✓	✓
		Physics	PHYS	Required	One year sequence. We will accept Pass/Fail for coursework taken during the winter/spring 2020 academic terms only.		✓	✗	✗	✓	✓
CA	Stanford University School of Medicine	Biology	BIOL	Recommended			✓	✓	✓	✓	✓
		Chemistry	CHEM	Recommended			✓	✓	✓	✓	✓
		Mathematics	MATH	Recommended			✓	✓	✓	✓	✓
		Physics	PHYS	Recommended			✓	✓	✓	✓	✓
CA	University of California, Davis, School of Medicine	Biochemistry	CHEM	Required	Organic Chemistry (full year) or a combination of Organic Chemistry & Biochemistry to meet the minimum credit hour requirement.	8	✓	✓	● An AP course can only be used to satisfy this requirement if the course is listed on the official undergraduate college/university transcript.	✓	✓
		Biology	BIOL	Required	General Biology coursework	8	✓	✓	● An AP course can only be used to satisfy this requirement if the course is listed on the official undergraduate college/university transcript.	✓	✓

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USA

State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Community College
CA	University of California, Davis, School of Medicine	Chemistry	CHEM	Required	General chemistry coursework	8	✓	✓	● An AP course can only be used to satisfy this requirement if the course is listed on the official undergraduate college/university transcript.	✓	✓
		Physics	PHYS	Required	General Physics coursework	8	✓	✓	● An AP course can only be used to satisfy this requirement if the course is listed on the official undergraduate college/university transcript.	✓	✓
CA	University of California, Irvine, School of Medicine	Anatomy	BIOL	Recommended			✗	✓	✗	✓	✓
		Biology	BIOL	Required	3 semesters or 5 quarters, must include one upper division course - we do not accept psychobiology, behavioral-based courses, evolution, ecology, plant biology, animal biology, or AP credit; upper division courses can only be taken at an accredited 4-year institution		✗	✓	✗	✓	✓
		Biostatistics	MATH	Recommended			✗	✓	✓	✓	✓
		Chemistry	CHEM	Required	4 semesters or 6 quarters, including general/inorganic chemistry, organic chemistry, AND biochemistry; AP score of greater than 3 is accepted		✗	✓	✓	✓	✓
		Composition & Rhetoric	ENGL	Recommended			✗	✓	✓	✓	✓
		Immunology	BIOL	Recommended			✗	✓	✗	✓	✓

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USA

State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
CA	University of California, Irvine, School of Medicine	Literature	ENGL	Required	1 semester or quarter in any humanities (literature, history, philosophy, language, art; AP score 3 or greater is accepted)		✗	✓	✓	✓	✓
		Microbiology	BIOL	Recommended			✗	✓	✗	✓	✓
		Neuroscience	BIOL	Recommended			✗	✓	✗	✓	✓
		Physics	PHYS	Required	2 semesters or 3 quarters; AP score 3 or greater is accepted		✗	✓	✓	✓	✓
		Psychology	BESS	Recommended			✗	✓	✓	✓	✓
CA	University of California, Los Angeles David Geffen School of Medicine	Anthropology	BESS	Recommended			✗	✗	✓	● Courses taken during the COVID-19 pandemic years of 2020 and 2021 are accepted.	✓
		Applied Mathematics	MATH	Recommended			✗	✗	✓	● Courses taken during the COVID-19 pandemic years of 2020 and 2021 are accepted.	✓
		Biochemistry	CHEM	Recommended			✓	✗	✓	● Courses taken during the COVID-19 pandemic years of 2020 and 2021 are accepted.	✓
		Biostatistics	MATH	Recommended			✗	✗	✓	● Courses taken during the COVID-19 pandemic years of 2020 and 2021 are accepted.	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
CA	University of California, Los Angeles David Geffen School of Medicine	Cell Biology	BIOL	Recommended			✓	✗	✓	● Online courses taken during the COVID-19 pandemic years of 2020 and 2021 are accepted.	✓
		Chemistry	CHEM	Recommended			✓	✗	✓	● Courses taken during the COVID-19 pandemic years of 2020 and 2021 are accepted.	✓
		Economics	BESS	Recommended			✗	✗	✓	● Courses taken during the COVID-19 pandemic years of 2020 and 2021 are accepted.	✓
		Genetics	BIOL	Recommended			✓	✗	✓	● Courses taken during the COVID-19 pandemic years of 2020 and 2021 are accepted.	✓
		Molecular Biology	BIOL	Recommended			✓	✗	✓	● Courses taken during the COVID-19 pandemic years of 2020 and 2021 are accepted.	✓
		Physics	PHYS	Recommended			✓	✗	✓	●	✓

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USA

State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
CA	University of California, Los Angeles David Geffen School of Medicine									Courses taken during the COVID-19 pandemic years of 2020 and 2021 are accepted.	
		Physiology	BIOL	Recommended			✗	✗	✓	● Courses taken during the COVID-19 pandemic years of 2020 and 2021 are accepted.	✓
		Psychology	BESS	Recommended			✗	✗	✓	● Courses taken during the COVID-19 pandemic years of 2020 and 2021 are accepted.	✓
		Sociology	BESS	Recommended			✗	✗	✓	● Courses taken during the COVID-19 pandemic years of 2020 and 2021 are accepted.	✓
		Statistics	MATH	Recommended			✗	✗	✓	● Courses taken during the COVID-19 pandemic years of 2020 and 2021 are accepted.	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
CA	University of California, Riverside School of Medicine	Biology	BIOL	Required	Eligible coursework must focus on human or cellular biology (e.g., General, Cell, Molecular, and Developmental Biology, Genetics, or Human Anatomy). We do not accept any Biology courses that focus on Environmental Science, Ecology, Evolution, Plant Biology, and behavioral based Biology courses. Included credit hours are based on semester hours. Lab hours will count towards total semester hours, however, labs are optional.	8	✗	● Applicants are encouraged to review the program prerequisites found here for more information on completing pass/fail coursework: https://somsa.ucr.edu/program-prerequisites	✓	● Applicants are encouraged to review the program prerequisites found here for more details on completing online coursework: https://somsa.ucr.edu/program-prerequisites	✓
		Chemistry	CHEM	Required	Eligible courses to fulfill the requirement, must include General Chemistry, Organic Chemistry, and Biochemsitry. Included credit hours are based on semester hours. Lab hours will count towards total semester hours, however, labs are optional.	16	✗	● Applicants are encouraged to review the program prerequisites found here for more information on Pass/Fail grades: https://somsa.ucr.edu/program-prerequisites	✓	● Applicants are encouraged to review the program prerequisites found here for more details on completing online coursework: https://somsa.ucr.edu/program-prerequisites	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
CA	University of California, Riverside School of Medicine	Mathematics	MATH	Required	Eligible courses to fulfill the requirement is Calculus and/or Statistics. Included credit hours are based on semester hours. Lab hours will count towards total semester hours, however, labs are optional.	8	✗	● Applicants are encouraged to review the program prerequisites found here for more information on Pass/Fail grades: https://somsa.ucr.edu/program-prerequisites	✓	● Applicants are encouraged to review the program prerequisites found here for more details on completing online coursework: https://somsa.ucr.edu/program-prerequisites	✓
		Physics	PHYS	Required	Eligible coursework includes a standard general physics sequence or any advanced physics courses beyond the introductory level. Included credit hours are based on semester hours. Lab hours will count towards total semester hours, however, labs are optional.	8	✗	● Applicants are encouraged to review the program prerequisites found here for more information on Pass/Fail grades: https://somsa.ucr.edu/program-prerequisites	✓	● Applicants are encouraged to review the program prerequisites found here for more details on completing online coursework: https://somsa.ucr.edu/program-prerequisites	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
CA	University of California, San Diego School of Medicine	Biochemistry	CHEM	Recommended			✗	● We will accept pass/fail grades for coursework, but recommend against taking more than 3 total sciences courses as pass/fail	✓	✓	✓
		Biology	BIOL	Recommended			✗	● We will accept pass/fail grades for coursework, but recommend against taking more than 3 total sciences courses as pass/fail	✓	✓	✓
		Chemistry	CHEM	Recommended			✗	● We will accept pass/fail grades for coursework, but recommend against taking more than 3 total sciences courses as pass/fail	✓	✓	✓
		Mathematics	MATH	Recommended			✗	●	✓	✓	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
CA	University of California, San Diego School of Medicine							We will accept pass/fail grades for coursework, but recommend against taking more than 3 total sciences courses as pass/fail			
		Physics	PHYS	Recommended			✗	● We will accept pass/fail grades for coursework, but recommend against taking more than 3 total sciences courses as pass/fail	✓	✓	✓
		Statistics	MATH	Recommended			✗	● We will accept pass/fail grades for coursework, but recommend against taking more than 3 total sciences courses as pass/fail	✓	✓	✓
CA	University of California, San Francisco, School of Medicine	Biochemistry	CHEM	Required	One (1) semester or quarter of colleve-level Biochemistry.		✗	✓	✗	✓	✓
		Biology	BIOL	Required	Two (2) semesters or three (3) quarters of college-level Biology with laboratory.		✓	✓	✗	✓	✓
		Chemistry	CHEM	Required	One (1) semester or two (2) quarters of college-level Chemistry.		✗	✓	✓	✓	✓

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CA	University of California, San Francisco, School of Medicine	Inorganic Chemistry	CHEM	Recommended	One (1) semester or two (2) quarters of college-level Inorganic Chemistry.		✓	✓	✗	✓	✓
		Organic Chemistry	CHEM	Required	One (1) semester of college-level organic chemistry with laboratory.		✓	✓	✗	✓	✓
		Physics	PHYS	Required	One (1) semester or two (2) quarters of college-level Physics.		✗	✓	✓	✓	✓
CT	Frank H. Netter MD School of Medicine at Quinnipiac University	Biochemistry	CHEM	Required	ONE course of Biochemistry is required. Course may be one semester/trimester/quarter based on the calendar of the institution. Because different institutions use different credit hours, no specific credit hours will be listed below.		✗	● Pass/Fail is accepted during COVID time period as determined by your institution.	✓	● Contact Office of Admissions at medicine@qu.edu for permission including syllabus.	✓
		Biology	BIOL	Required	TWO courses of Biology are required. Courses may each be one semester/trimester/quarter based on the calendar of the institution. Because different institutions use different credit hours, no specific credit hours will be listed below.	0	✓	● Pass/Fail is accepted during COVID time period as determined by your institution	✓	● Contact Office of Admissions at medicine@quinnipiac.edu for permission including syllabus.	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
CT	Frank H. Netter MD School of Medicine at Quinnipiac University	Chemistry	CHEM	Required	THREE courses of Chemistry, including one of Organic Chemistry, are required. Courses may each be one semester/trimester/quarter based on the calendar of the institution. Because different institutions use different credit hours, no specific credit hours will be listed below.		✓	● Pass/Fail is accepted during COVID time period as determined by your institution.	✓	● Contact Office of Admissions at medicine@qu.edu for permission including syllabus.	✓
		Composition & Rhetoric	ENGL	Required	TWO writing-based courses are required. Courses typically come through Humanities or Social Science departments. Courses may each be one semester/trimester/quarter based on the calendar of the institution. Because different institutions use different credit hours, no specific credit hours will be listed below. If courses are not delivered though an English department, syllabuses for courses should be added to the applicant's Secondary Application portal.		✗	● Pass/Fail is accepted during COVID time period as determined by your institution.	✓	● Contact Office of Admissions at medicine@qu.edu for permission including syllabus.	✓
		Mathematics	MATH	Required	TWO courses of either Mathematics, Statistics, or Biostatistics are required. Courses may each be one semester/trimester/quarter based on the calendar of the institution. Because different institutions use different credit hours, no specific credit hours will be listed below.		✗	● Pass/Fail is accepted during COVID time period as determined by your institution.	✓	● Contact Office of Admissions at medicine@qu.edu for permission with syllabus.	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
CT	Frank H. Netter MD School of Medicine at Quinnipiac University	Physics	PHYS	Required	TWO courses of Physics are required. Courses may each be one semester/trimester/quarter based on the calendar of the institution. Because different institutions use different credit hours, no specific credit hours will be listed below.		✗	● Pass/Fail is accepted during COVID time period as determined by your institution.	✓	● Contact Office of Admissions at medicine@qu.edu for permission including syllabus.	✓
CT	University of Connecticut School of Medicine	Biology	BIOL	Required	Biology or Zoology, 1 year of college credit with lab.	0	✓	● Pass/Fail if required due to COVID	✗	● Online if required due to COVID	✓
		Chemistry	CHEM	Required	2 years of college credit with lab with at least 1 semester being Organic Chemistry		✓	● Pass/Fail if required due to COVID	✗	● Online if required due to COVID	✓
		Literature	ENGL	Required	1 year of college credit - courses in composition and literature are strongly recommended		✗	● Pass/Fail if required due to COVID	✗	● Online if requred due to COVID	✓
		Physics	PHYS	Required	1 year of college credit with lab		✓	● Pass/Fail if required doe to COVID	✗	● Online if required sue to COVID	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
CT	Yale School of Medicine	Biology	BIOL	Required	All applicants must complete a full year of general biology or zoology with a lab (2 semesters). We will accept advanced or higher-level biology courses (such as Genetics or Cell Biology) toward this requirement. Preparation in biology should emphasize human biology and principles of systems biology.		✓	● See FAQ: https://medicine.yale.edu/md-program/admissions/requirements/#frequently-asked-questions-	✓	● See FAQ: https://medicine.yale.edu/md-program/admissions/requirements/#frequently-asked-questions-	✓
		Biostatistics	MATH	Recommended	BIOSTATISTICS OR STATISTICS In the 2026-27 application year, all applicants are recommended (but not required) to complete a half year of biostatistics or statistics. Preparation in biostatistics or statistics should address quantitative reasoning and statistical analysis, especially in biological, medical, or public health contexts. Students should reflect the ability to analyze and interpret data, evaluate probability and hypotheses, and apply mathematical principles to explain natural phenomena. In the 2027-28 application year, all applicants are required to complete a half year of biostatistics or statistics (1 semester).		✗	● See FAQ: https://medicine.yale.edu/md-program/admissions/requirements/#frequently-asked-questions-	✓	● See FAQ: https://medicine.yale.edu/md-program/admissions/requirements/#frequently-asked-questions-	✓

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CT	Yale School of Medicine	Chemistry	CHEM	Required	All applicants must complete a full year of general chemistry with lab (2 semesters), one semester of organic chemistry with lab and one semester of biochemistry (lab recommended, but not required). Preparation in chemistry should include exposure to general chemistry, organic chemistry, and biochemistry in a sequence that provides the foundation for the study of biologically relevant chemistry.		✓	● See FAQ: https://medicine.yale.edu/md-program/admissions/requirements/#frequently-asked-questions-	✓	● See FAQ: https://medicine.yale.edu/md-program/admissions/requirements/#frequently-asked-questions-	✓
		Physics	PHYS	Required	All applicants must complete a full year of general physics with lab (2 semesters). Preparation in physics should focus on biologically relevant areas of mechanics, kinetics, thermodynamics, the properties of matter (quantum theory) and wave theory, electricity and magnetism, and optics.		✓	● See FAQ: https://medicine.yale.edu/md-program/admissions/requirements/#frequently-asked-questions-	✓	● See FAQ: https://medicine.yale.edu/md-program/admissions/requirements/#frequently-asked-questions-	✓
DC	George Washington University School of Medicine & Health Sciences	Biochemistry	CHEM	Required		4	✓	✓	✓	✓	✓
		Biology	BIOL	Required		4	✓	✓	✓	✓	✓
		Chemistry	CHEM	Required	Organic Chemistry.	4	✓	✓	✓	✓	✓
		Literature	ENGL	Recommended	Any English course OR eventual graduation from a US or Canadian undergraduate institution. Online for Fall 2020 and Spring 2021 coursework acceptable. Note: This School has progressed to a competency-based admissions process.	3	✗	✓	✓	✓	✓
		Mathematics	MATH	Recommended	College mathematics or statistics.	3	✗	✓	✓	✓	✓

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DC	George Washington University School of Medicine & Health Sciences	Physics	PHYS	Required		4	✓	✓	✓	✓	✓
DC	Georgetown University School of Medicine	Biochemistry	CHEM	Recommended	Biochemistry (lab not required) may replace a second semester of Organic Chemistry with lab.	3	✗	✗	✓	✗	✓
		Biology	BIOL	Required		8	✓	✗	✓	✗	✓
		Chemistry	CHEM	Required	General Chemistry I and II & Organic Chemistry I and II.	16	✓	✗	✓	✗	✓
		Mathematics	MATH	Required	College Algebra level or higher	3	✗	✗	✓	✗	✓
		Physics	PHYS	Required		8	✓	✗	✓	✗	✓
DC	Howard University College of Medicine	Biochemistry	CHEM	Required	1 semester of Biochemistry.	3	✗	✓	✓	✓	✓
		Biology	BIOL	Required	1 year of Biology is required including labs. (Biology 1 & 2)	8	✓	✓	✓	✓	✓
		Chemistry	CHEM	Required	1 year of General/Inorganic chemistry with lab, and 1 year of Organic Chemistry with lab	16	✓	✓	✓	✓	✓
		Composition & Rhetoric	ENGL	Required	1 year of English required. Writing intensive courses that satisfy your institutions second english requirement can be used as a substitution for our English 2 requirement.	6	✗	✓	✓	✓	✓
		Mathematics	MATH	Required	1 year of Mathematics, any college level math courses including statistics.	6	✗	✓	✓	✓	✓
		Physical Chemistry	CHEM	Required	Organic chemistry with lab, 2 semesters	8	✓	✓	✗	✓	✓
		Physics	PHYS	Required	1 year of Physics 1 & 2 with lab.	8	✓	✓	✓	✓	✓
		Psychology	BESS	Required	Humanities courses or social sciences, 1 year, which may be additional English course work, Languages, Art, Music, History, Philosophy, Religion, Sociology, Psychology, etc.	6	✗	✓	✓	✓	✓
		Sociology	BESS	Required	1 year of humanities courses or social sciences, which may be additional English course work, Languages, Art, Music, History, Philosophy, Religion, Sociology, Psychology, etc.	6	✗	✓	✓	✓	✓
FL	Charles E. Schmidt College of Medicine at Florida Atlantic University	Biochemistry	CHEM	Recommended	Biochemistry is strongly recommended. One semester of biochemistry may be substituted for the second semester of organic chemistry.	4	✓	✗	✗	✗	✓
		Biology	BIOL	Required	The Admissions Committee prefers this course be taken within 5 years of the application date.	8	✓	✗	✓	✗	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
FL	Charles E. Schmidt College of Medicine at Florida Atlantic University	Chemistry	CHEM	Required	Organic Chemistry 1 & 2	8	✓	✗	✗	✗	✓
		Genetics	BIOL	Recommended		4	✓	✗	✗	✓	✓
		Mathematics	MATH	Required		6	✗	✗	✓	● http://med.fau.edu/	✓
		Physical Chemistry	CHEM	Required	General Chemistry 1 & 2	8	✓	✗	● Some applicants may have successfully passed an AP-level General Chemistry 1 with lab, and that is acceptable, yet General Chemistry 2 with lab should be completed at a 4-year institution.	✗	✓
		Physics	PHYS	Required		8	✓	✗	● Some applicants may have successfully passed an AP level Physics 1 with lab ,and that is acceptable, yet Physics 2 with lab should be completed at a 4-year institution.	✗	✓
		Psychology	BESS	Recommended		3	✗	✗	✓	✓	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
FL	Florida International University Herbert Wertheim College of Medicine	Biochemistry	CHEM	Required	Organic Chemistry with laboratory (satisfied by either Organic Chemistry 1 and 2 or Organic Chemistry 1 and Biochemistry) - 2 semesters	8	✓	✓	✓	✓	✓
		Biology	BIOL	Required		8	✓	✓	✓	✓	✓
		Chemistry	CHEM	Required		8	✓	✓	✓	✓	✓
		Composition & Rhetoric	ENGL	Required	2 Semesters Writing Intensive Courses (i.e. English, Humanities, Social Sciences)	6	✗	✓	✓	✓	✓
		Mathematics	MATH	Required	2 semesters satisfied by any Mathematics or Statistics Courses	6	✗	✓	✓	✓	✓
		Physics	PHYS	Required		8	✓	✓	✓	✓	✓
FL	Florida State University College of Medicine	Biochemistry	CHEM	Required	The Biochemistry course MUST require at least one Organic Chemistry course as a pre-requisite. Additionally, one credit of Biochemistry Lab is PREFERRED, but not required.	3	✗	● Required pre-requisite courses taken as a pass/fail will only be accepted in urgent/extreme circumstances.	✓	✓	✓
		Biology	BIOL	Required		8	✓	● Required pre-requisite courses taken as a pass/fail will only be accepted in urgent/extreme circumstances.	✓	● Required pre-requisite courses that require a lab will only be accepted in urgent/extreme circumstances.	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
FL	Florida State University College of Medicine	Cell Biology	BIOL	Recommended		3	✗	● Required pre-requisite courses taken as a pass/fail will only be accepted in urgent/extreme circumstances.	✓	✓	✓
		Chemistry	CHEM	Required	Organic Chemistry is the required Chemistry course	4	✓	● Required pre-requisite courses taken as a pass/fail will only be accepted in urgent/extreme circumstances.	✓	● Required pre-requisite courses taken online will only be accepted in urgent/extreme circumstances.	✓
		Composition & Rhetoric	ENGL	Required		6	✗	● Required pre-requisite courses taken as a pass/fail will only be accepted in urgent/extreme circumstances.	✓	✓	✓

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: Yes : No : Case-by-Case

USA

State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
FL	Florida State University College of Medicine	Genetics	BIOL	Recommended		3	✗	● Required pre-requisite courses taken as a pass/fail will only be accepted in urgent/extreme circumstances.	✓	✓	✓
		Mathematics	MATH	Required	College level mathematics is required. Statistics is recommended as 3 of the required 6 credit hours	6	✗	● Required pre-requisite courses taken as a pass/fail will only be accepted in urgent/extreme circumstances.	✓	✓	✓
		Physics	PHYS	Required		8	✓	● Required pre-requisite courses taken as a pass/fail will only be accepted in urgent/extreme circumstances.	✓	✓	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
FL	Florida State University College of Medicine	Psychology	BESS	Recommended		3	✗	● Required pre-requisite courses taken as a pass/fail will only be accepted in urgent/extreme circumstances.	✓	✓	✓
		Sociology	BESS	Recommended		3	✗	● Required pre-requisite courses taken as a pass/fail will only be accepted in urgent/extreme circumstances.	✓	✓	✓
FL	Nova Southeastern University Dr. Kiran C. Patel College of Allopathic Medicine	Biochemistry	CHEM	Required	Biochemistry: 1 semester with or without lab		✗	✗	✓	● Each course is reviewed on a case-by-case basis https://md.nova.edu/admissions/admissions-requirements.html	✓

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FL	Nova Southeastern University Dr. Kiran C. Patel College of Allopathic Medicine	Biology	BIOL	Required	Introduction to Biology: 2 semesters (or equivalent) with lab		✓	✗	✓	● Each course is reviewed on a case-by-case basis https://md.nova.edu/admissions/admissions-requirements.html	✓
		Chemistry	CHEM	Required	General Chemistry: 2 semesters (or equivalent) with lab Organic Chemistry: 2 semesters (or equivalent) with lab		✓	✗	✓	● Each course is reviewed on a case-by-case basis https://md.nova.edu/admissions/admissions-requirements.html	✓
		Mathematics	MATH	Required	Mathematics (college level): 1 semester (or equivalent). Calculus is not required. Statistics is acceptable.		✗	● Each course is reviewed on a case-by-case basis https://md.nova.edu/admissions/admissions-requirements.html	✓	● Each course is reviewed on a case-by-case basis https://md.nova.edu/admissions/admissions-requirements.html	✓
		Physics	PHYS	Required	General Physics: 2 semesters (or equivalent) with or without lab		✗	✗	✓	● Each course is reviewed on a case-by-case basis https://md.nova.edu/admissions/admissions-requirements.html	✓

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FL	University of Central Florida College of Medicine	Anatomy	BIOL	Recommended			✓	✓	✓	✓	✓
		Anthropology	BESS	Recommended			✗	✓	✓	✓	✓
		Biochemistry	CHEM	Required	Labs are encouraged but not required, depending on availability at the primary undergraduate institution.	3	✗	✓	✓	✓	✓
		Biology	BIOL	Required			✓	✓	✓	✓	✓
		Cell Biology	BIOL	Recommended			✓	✓	✓	✓	✓
		Chemistry	CHEM	Required	General Chemistry I and II	8	✓	✓	✓	✓	✓
		Composition & Rhetoric	ENGL	Required	Earned credit through the second level of English Composition.	6	✗	✓	✓	✓	✓
		Genetics	BIOL	Recommended			✓	✓	✓	✓	✓
		Mathematics	MATH	Required	College Algebra level or higher.	6	✗	✓	✓	✓	✓
		Microbiology	BIOL	Recommended			✓	✓	✓	✓	✓
		Organic Chemistry	CHEM	Required		4	✓	✓	✓	✓	✓
		Physics	PHYS	Required	Algebra or Calculus-based courses are accepted	8	✓	✓	✓	✓	✓
		Physiology	BIOL	Recommended			✓	✓	✓	✓	✓
		Psychology	BESS	Recommended			✗	✓	✓	✓	✓
		Sociology	BESS	Recommended			✗	✓	✓	✓	✓
		Statistics	MATH	Recommended			✗	✓	✓	✓	✓
FL	University of Florida College of Medicine	Biochemistry	CHEM	Required	An upper division biochemistry is required. The course should be appropriate to a biology or chemistry major, or premedical track, and have at least biology I and organic chemistry I as prerequisites.	3	✗	✗	✗	✓	✗

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FL	University of Florida College of Medicine	Biology	BIOL	Required	General Biology I and II with Labs or equivalent accelerated course or sequence approved by the undergraduate institution for a premedical track or biological sciences major.	8	✓	✗	● We require letter grades of C or higher. If AP credit is used to meet a prerequisite, we will look for graded upper division credit in the same or a similar subject at the same credit value.	✓	✓
		Chemistry	CHEM	Required	General Chemistry I and II with Labs or equivalent accelerated course or sequence approved by the undergraduate institution for a premedical, biology or chemistry track.	8	✓	✗	● We require letter grades of C or higher. If AP credit is used to meet a prerequisite, we will look for graded upper division credit in the same or a similar subject at the same credit value.	✓	✓
		Physics	PHYS	Required	General Physics I and II with Labs or equivalent accelerated course or sequence approved by the undergraduate institution to meet the physics requirement of a premedical track, or of a biology, chemistry, physics or engineering major.	8	✓	✗	●	✓	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
FL	University of Florida College of Medicine								We require letter grades of C or higher. If AP credit is used to meet a prerequisite, we will look for graded upper division credit in the same or a similar subject at the same credit value.		
FL	University of Miami Leonard M. Miller School of Medicine	Biochemistry	CHEM	Required	Biochemistry +/- Lab. This means a biochemistry course is required, but a biochemistry lab is only recommended.		✗	✗	✓	✓	● Coursework verified by AMCAS and folded into GPA will be reviewed on a case by case basis.
		Biology	BIOL	Required	Biology + Lab: 2 semesters/3 quarters		✓	✗	✓	✓	● Coursework verified by AMCAS and folded into GPA will be reviewed on a case by case basis.
		Chemistry	CHEM	Required	Chemistry + Lab: 2 Semesters/3 Quarters & Organic Chemistry + Lab: 2 Semesters/3 Quarters		✓	✗	✓	✓	● Coursework verified by AMCAS and folded into GPA will be reviewed on a case by case basis.

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
FL	University of Miami Leonard M. Miller School of Medicine	Composition & Rhetoric	ENGL	Required	English: 2 Semesters/3 Quarters		✗	✗	✓	✓	✓
		Physics	PHYS	Required	Physics + Lab: 2 semesters/3 quarters		✓	✗	✓	✓	● Coursework verified by AMCAS and folded into GPA will be reviewed on a case by case basis.
		Psychology	BESS	Required	Required: 2 Semesters/3 Quarters of Behavioral Science. Behavioral science may include such courses as anthropology, economics, family studies, psychology, and sociology.		✗	✗	✓	✓	● Coursework verified by AMCAS and folded into GPA will be reviewed on a case by case basis.
FL	USF Health Morsani College of Medicine	Biochemistry	CHEM	Required		3	✗	✗	✓	● https://health.usf.edu/medicine/mdprogram/mdadmissions/requirements	✓
		Biology	BIOL	Required		8	✓	✗	✓	● https://health.usf.edu/medicine/mdprogram/mdadmissions/requirements	✓
		Genetics	BIOL	Recommended			✗	✗	✓	● https://health.usf.edu/medicine/mdprogram/mdadmissions/requirements	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
FL	USF Health Morsani College of Medicine	Mathematics	MATH	Required		6	✗	✗	✓	● https://health.usf.edu/medicine/mdprogram/mdadmissions/requirements	✓
		Physics	PHYS	Required		8	✓	✗	✓	● https://health.usf.edu/medicine/mdprogram/mdadmissions/requirements	✓
		Psychology	BESS	Recommended			✗	✗	✓	● https://health.usf.edu/medicine/mdprogram/mdadmissions/requirements	✓
		Zoology	BIOL	Recommended			✗	✗	✓	● https://health.usf.edu/medicine/mdprogram/mdadmissions/requirements	✓
GA	Emory University School of Medicine	Biology	BIOL	Required	Two semesters of Biology with lab	8	✓	✓	✓	✓	✓
		Chemistry	CHEM	Required	Two semesters of Chemistry with lab (8 hours) and two semesters of Organic Chemistry with lab (8 hours)	16	✓	✓	✓	✓	✓
		Physics	PHYS	Required	Physics I and II	8	✓	✓	✓	✓	✓

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GA	Medical College of Georgia at Augusta University	Biology	BIOL	Required	One academic year of General Biology or Zoology in college. If a student places out of general biology using AP credit and chooses to use the AP credit and not take a general biology course in college, the student must substitute one academic year of advanced Biology courses with lab. Students must complete the laboratory requirement in college. Online coursework from a regionally accredited institution is acceptable. It must appear on the official transcript. Letter grades are preferred but pass/fail is acceptable if the coursework was completed at a regionally accredited institution.		✓	✓	✗	✓	✓
		Chemistry	CHEM	Required	One academic year of Chemistry during college. Of the year, one semester must be Organic Chemistry and one semester must be Biochemistry. AP credit may NOT be used to place out of this requirement. Online coursework is acceptable from a regionally accredited institution. It must appear on the official transcript. Letter grades are preferred but pass/fail is acceptable if the coursework was completed at a regionally accredited institution.		✗	✓	✗	✓	✓
		Literature	ENGL	Required	One academic year of English. English, English-based Composition, Writing, Literature, or Communication are acceptable. Humanities courses may be used to meet one semester of this requirement. AP credit may be used to place out of this requirement. Online coursework is acceptable from a regionally accredited institution. It must appear on the official transcript. Letter grades are preferred but pass/fail is acceptable if the coursework was completed at a regionally accredited institution.		✗	✓	✓	✓	✓
		Physics	PHYS	Required	One academic year of Physics with 2 semesters of lab. AP credit may be used to place out of this requirement. Online coursework is acceptable from a regionally accredited institution. It must appear on the official transcript. Letter grades are preferred but pass/fail is acceptable if the coursework was completed at a regionally accredited institution.		✓	✓	✓	✓	✓

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GA	Medical College of Georgia at Augusta University	Statistics	MATH	Required	One semester of Probability, Statistics, Biostatistics, or equivalent. Statistics, Probability or Biostatistics courses that have a STAT or MATH course number will automatically meet this requirement. Other courses that have a different prefix must be approved as equivalent by the undergraduate institution where the course was taken through the Pre-Med or Pre-Health advisor. If such an advisor is not available, the approval may be granted by any Math or Science chair at the institution. AP credit may be used to place out of this requirement. Online coursework is acceptable from a regionally accredited institution. It must appear on the official transcript. Letter grades are preferred but pass/fail is acceptable if the coursework was completed at a regionally accredited institution.		✗	✓	✓	✓	✓
GA	Mercer University School of Medicine	Biochemistry	CHEM	Recommended			✗	✗	✗	✓	✓
		Biology	BIOL	Required	Those with AP credits must have taken advanced courses with lab in the same domain in college. Online laboratory sections accepted if completed during interruptions caused by COVID-19 pandemic.	8	✗	✗	● Accepted if supplementary courses include laboratory are taken	● Online laboratory credits not accepted if taken after COVID-19 interruptions	✓
		Chemistry	CHEM	Required	8 hrs of General, Oragnic, and Inorganic Chemistry with lab. Those with AP credits must have taken advanced courses with lab in the same domain in college. Online laboratory credits accepted only if taken during the COVID-19 interruption. As for Organic Chemistry, those with AP credits must have taken advance courses with lab, such as Biochemistry. Biochem with lab may substitute for second organic semester. Online labs accepted only if taken during the COVID-19 interruption.	8	✓	✗	✓	✓	✓
		Genetics	BIOL	Recommended	Online laboratory component accepted during coronavirus pandemic.		✗	✗	✓	✓	✓
		Mathematics	MATH	Recommended			✗	✗	✓	✓	✓

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GA	Mercer University School of Medicine	Physics	PHYS	Required	AP credit may be used in place of one semester only of the Physics requirement. Online labs accepted only if taken during the COVID-19 interruption.	8	✓	✗	✓	✓	✓
		Psychology	BESS	Recommended			✗	✗	✓	✓	✓
		Zoology	BIOL	Recommended			✗	✗	✗	✓	✓
GA	Morehouse School of Medicine	Biochemistry	CHEM	Recommended	A minimum of 3 semester hours or 5 quarter hours. Laboratory component is not required but may prove beneficial to the student	3	✓	✓	✓	✓	✓
		Biology	BIOL	Required	A minimum of 8 semester hours with laboratory component or a minimum of 9 quarter hours with lab. Online coursework will be accepted for Spring semester 2019-2020 and Fall semester of 2020-2021.	8	✓	✓	✓	✓	✓
		Genetics	BIOL	Recommended	A minimum of 3 semester hours or 5 quarter hours. Laboratory component is not required	3	✗	✓	✓	✓	✓
		Mathematics	MATH	Required	A minimum of 6 semester hours or 9 quarter hours. Require mathematics for science majors. Online coursework will be accepted for Spring semester 2019-2020 and Fall semester 2020-2021 academic years.	6	✗	✓	✓	✓	✓
		Physics	PHYS	Required	A minimum of 8 semester hours with lab or a minimum of 12 quarter hours with lab. Online coursework will be accepted if completed during Spring semester 2019-2020 and Fall semester of 2020-2021.	8	✓	✓	✓	✓	✓
		Psychology	BESS	Recommended	A minimum of 3 semester hours or 5 quarter hours	2	✗	✓	✓	✓	✓
		Statistics	MATH	Recommended	A minimum of 3 semester hours or 5 quarter hours		✗	✓	✓	✓	✓
GA	University of Georgia School of Medicine	Biochemistry	CHEM	Recommended			✓	✓	✓	✓	✓
		Biology	BIOL	Required			✓	✓	✓	✓	✓
		Cell Biology	BIOL	Recommended			✓	✓	✓	✓	✓
		Composition & Rhetoric	ENGL	Required			✗	✓	✓	✓	✓
		Genetics	BIOL	Recommended			✓	✓	✓	✓	✓
		Immunology	BIOL	Recommended			✓	✓	✓	✓	✓
		Inorganic Chemistry	CHEM	Required			✓	✓	✓	✓	✓

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GA	University of Georgia School of Medicine	Literature	ENGL	Required			✗	✓	✓	✓	✓
		Microbiology	BIOL	Recommended			✓	✓	✓	✓	✓
		Organic Chemistry	CHEM	Required			✓	✓	✓	✓	✓
		Physics	PHYS	Required			✓	✓	✓	✓	✓
		Sociology	BESS	Recommended			✓	✓	✓	✓	✓
		Statistics	MATH	Required			✓	✓	✓	✓	✓
HI	University of Hawaii, John A. Burns School of Medicine	Biochemistry	CHEM	Required	One course in biochemistry coursework (no lab required): Function and composition of biological substances and their metabolic transformation in animals, plants, microorganisms. Molecular basis of living processes in bacteria, plants, and animals; emphasis on metabolism of carbohydrates, lipids, proteins, and nucleic acids.		✗	✓	● AP coursework may only be used to satisfy this requirement if the course is listed on the official undergraduate university/college transcript.	✓	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
HI	University of Hawaii, John A. Burns School of Medicine	Biology	BIOL	Required	One academic year of biology coursework with lab: Introductory biology for all life science majors. Cell structure and chemistry; growth, reproduction, genetics, evolution, viruses, bacteria, and simple eukaryotes. Must also include Anatomy, physiology, and systematics of plants and animals; behavior; ecosystems, populations, and communities.		✓	✓	● AP coursework may only be used to satisfy this requirement if the course is listed on the official undergraduate university/college transcript.	✓	✓
		Chemistry	CHEM	Required	One academic year of general chemistry coursework with lab: Basic principles of chemistry, including stoichiometry. Introduction to solution phase chemistry. Gas phase chemistry. Thermodynamics, including enthalpies of formation and reaction. Atomic structure, periodic trends, chemical bonding, molecular structure. One academic year of organic chemistry coursework with lab: Molecular structure, stereochemistry, spectroscopy, mechanisms, reactions, and synthesis of organic compounds		✓	✓	● AP coursework may only be used to satisfy this requirement if the course is listed on the official undergraduate university/college transcript.	✓	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
HI	University of Hawaii, John A. Burns School of Medicine	Physics	PHYS	Required	One academic year of physics with lab: Non-calculus physics. Mechanics, wave motion, heat. Introduction to experimental analysis, physical observation and measurement, experiments on conservation laws, fluid friction, oscillations. Must also include electricity, magnetism, optics, modern physics, electric and magnetic fields, DC and AC circuitry.		✓	✓	● An AP course can only be used to satisfy this requirement if the course is listed on the official undergraduate college/university transcript.	✓	✓
IA	University of Iowa Roy J. and Lucille A. Carver College of Medicine	Biochemistry	CHEM	Required	1 course that includes a comprehensive review of molecular structures and biochemistry of carbohydrates, nucleic acids and proteins, central metabolic pathways, enzyme functions, and metabolism of carbon based molecules.		✗	✓	✓	✓	✓
		Biology	BIOL	Required	2 semesters of introductory courses with labs, and 1 advanced course. Recommended advanced courses include molecular and cell biology, human physiology, genetics, microbiology.		✓	✓	✓	✓	✓
		Chemistry	CHEM	Required	3 semesters of introductory courses, to include General and Organic with labs.		✓	✓	✓	✓	✓
		Composition & Rhetoric	ENGL	Required	2 courses (composition and literature). If you satisfy the English requirement for your undergraduate degree program, you also satisfy our English requirement.		✗	✓	✓	✓	✓
		Mathematics	MATH	Required	1 advanced mathematics course or statistics course.		✗	✓	✓	✓	✓
		Physics	PHYS	Required	2 semesters of introductory courses with labs		✓	✓	✓	✓	✓

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IA	University of Iowa Roy J. and Lucille A. Carver College of Medicine	Psychology	BESS	Required	Social and Behavioral Sciences, Humanities: 4 courses. Applicants are encouraged to complete coursework that addresses social determinants of health. Recommended courses include behavioral psychology, sociology, ethics, philosophy, foreign language, and other non-science writing-intensive courses		✗	✓	✓	✓	✓
IL	Carle Illinois College of Medicine	Biochemistry	CHEM	Recommended	The Biochemistry competency is demonstrated through one semester or equivalent of biochemistry. Biochemistry competency may be one of the nine out of 11 competencies required but is not required in and of itself.		✗	✓	● AP credit will be counted only if a subsequent course at a college or university is completed.	● Online courses must be reviewed before approval	✓
		Biology	BIOL	Recommended	The Biology and Advanced Biology competencies may be met through coursework: - Biology: two semesters or equivalent with lab - Advanced Biology: one semester or equivalent Both of these competencies may be used for one or two of the required 9 of 11 competencies, but neither are required in and of themselves.		✓	✓	● AP credit will be counted only if a subsequent course at a college or university is completed.	● Online courses with a lab element must be reviewed before approval	✓

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IL	Carle Illinois College of Medicine	Chemistry	CHEM	Recommended	The Chemistry competency is demonstrated through three semesters or equivalent of general and/or organic chemistry with labs. Chemistry competency may be one of the nine out of 11 competencies required but is not required in and of itself.		✓	✓	● AP credit will be counted only if a subsequent course at a college or university is completed.	● Online courses with a lab element must be reviewed before approval	✓
		Mathematics	MATH	Recommended	There are FOUR competencies related to mathematics: - Calculus: two semesters or equivalent, with the higher-level course being equivalent to UIUC's MATH 231 (Calculus II) - Multivariate Calculus: one semester or equivalent, with course content comparable to UIUC's MATH 241 (Calculus III) - Differential Equations: one semester or equivalent, with course content comparable to UIUC's MATH 285 (Intro to Differential Equations) - Linear Algebra: one semester or equivalent, with course content comparable to UIUC's MATH 415 (Applied Linear Algebra) or MATH 257 (Linear Algebra with Computational Applications) One or more of these may be used to meet the required 9 of 11 competencies, but none are required in and of themselves.		✗	✓	● AP credit will be counted only if a subsequent course at a college or university is completed.	● Online courses must be reviewed before approval.	✓

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USA

State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
IL	Carle Illinois College of Medicine	Physics	PHYS	Recommended	The Physics competency is met through two semesters or equivalent of physics coursework with lab. Physics competency may be one of the nine out of 11 competencies required but is not required in and of itself.		✓	✓	● AP credit will be counted only if a subsequent course at a college or university is completed.	● Online courses with a lab element must be reviewed before approval	✓
		Sociology	BESS	Recommended	The Humanities/Social Science competency may be met through one semester or equivalent of coursework in any humanities or social science discipline, with no preference for a particular subject. The Humanities/Social Science competency may be one of the nine out of 11 competencies required but is not required in and of itself.		✗	✓	● AP credit will be counted only if a subsequent course at a college or university is completed.	● Online courses must be reviewed before approval	✓
		Statistics	MATH	Recommended	The Statistics competency may be met through one semester or equivalent of Statistics coursework. The Statistics competency may be used as one of the required 9 of 11 competencies but is not required in and of itself.		✗	✓	● AP credit will be counted only if a subsequent course at a college or university is completed.	● Online courses must be reviewed before approval	✓
IL	Chicago Medical School at Rosalind Franklin University of Medicine & Science	Biology	BIOL	Required	One year Introductory Biology with accompanying laboratory	8	✓	✓	✓	✓	✓
		Composition & Rhetoric	ENGL	Recommended		6	✗	✓	✓	✓	✓

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USA

State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
IL	Chicago Medical School at Rosalind Franklin University of Medicine & Science	Physics	PHYS	Required	One year Physics with accompanying laboratory	8	✓	✓	✓	✓	✓
		Psychology	BESS	Required	First-year Psychology	3	✗	✓	✓	✓	✓
		Sociology	BESS	Required	Introduction to Sociology or Introductory Sociology - Course should cover topics such as the study of society, culture, socialization, social institutions, stratification, and deviance, and they provide an introduction to both theoretical frameworks and research methods in sociology.	3	✗	✓	✓	✓	✓
		Statistics	MATH	Recommended		3	✗	✓	✓	✓	✓
IL	Loyola University Chicago Stritch School of Medicine	Biology	BIOL	Required	At least 8 credits in biology-based discipline with at least 1 lab course credit in biology-based course. Courses utilized often for this requirement are General Biology I and II, Biochemistry I, or upper level biology courses.	9	✓	✗	✗	● We will consider the courses if the student produces some evidence that there was no other option for the course.	✗
		Chemistry	CHEM	Required	At least 8 credits in a chemistry-based discipline/course AND at least 3 credits of Organic Chemistry (2 sequences of O-Chem are strongly recommended). This includes at least 1 lab course credit in chemistry based course. Courses that satisfy this requirement are often coded as General Chemistry I & II, Organic Chemistry I & II, or upper level chemistry courses.	12	✓	✗	✗	● We will consider the courses if the student produces some evidence that there was no other option for the course.	✗

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
IL	Loyola University Chicago Stritch School of Medicine	Physics	PHYS	Recommended			✗	✓	✓	✓	✓
		Sociology	BESS	Recommended	Sociology or Psychology course work is strongly recommended.		✗	✓	✓	✓	✓
IL	Northwestern University The Feinberg School of Medicine	Biochemistry	CHEM	Recommended		8	✓	✓	✓	✓	✓
		Biology	BIOL	Required		8	✓	● Pass/fail coursework will be reviewed holistically. We recommend required pre-med courses be taken for a letter grade.	● AP credit accepted. However, advanced level undergraduate courses in the science disciplines for which AP credit was awarded is expected.	● Taking an online course from an accredited U.S. or Canadian university or college is acceptable, but we recommend that the required courses be standard classroom courses.	✓
		Chemistry	CHEM	Required		8	✓	● Pass/fail coursework will be reviewed holistically. We recommend required pre-med courses be taken for a letter grade.	● AP credit accepted. However, advanced level undergraduate courses in the science disciplines for which AP credit was awarded is expected.	● Taking an online course from an accredited U.S. or Canadian university or college is acceptable, but we recommend that the required courses be standard classroom courses.	✓
		Composition & Rhetoric	ENGL	Recommended			✗	✓	✓	✓	✓
		Genetics	BIOL	Recommended			✗	✓	✓	✓	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
IL	Northwestern University The Feinberg School of Medicine	Mathematics	MATH	Recommended			✗	✓	✓	✓	✓
		Physics	PHYS	Required		8	✓	● Pass/fail coursework will be reviewed holistically. We recommend required pre-med courses be taken for a letter grade.	● AP credit accepted. However, advanced level undergraduate courses in the science disciplines for which AP credit was awarded is expected.	● Taking an online course from an accredited U.S. or Canadian university or college is acceptable, but we recommend that the required courses be standard classroom courses.	✓
		Psychology	BESS	Recommended			✗	✓	✓	✓	✓
		Sociology	BESS	Recommended			✗	✓	✓	✓	✓
		Statistics	MATH	Recommended			✗	✓	✓	✓	✓
IL	Rush Medical College of Rush University Medical Center	Biochemistry	CHEM	Required	One COURSE of Biochemistry is required. The course should focus on the application of chemistry to the study of biological processes at the cellular and molecular level.		✗	✗	✗	✓	● For basic science courses, RMC will accept courses taken at a community college on a case-by-case basis.

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
IL	Rush Medical College of Rush University Medical Center	Biology	BIOL	Required	One academic YEAR of Biology is required, with one COURSE being Cell Biology or a related course with a primary focus on cellular biology (course title does not need to be specifically 'Cell Biology'). Additionally, one academic YEAR of lab work in Biology AND/OR Chemistry is required.		✓	✗	✗	✓	● For basic science courses, RMC will accept courses taken at a community college on a case-by-case basis.
		Cell Biology	BIOL	Required	One COURSE of Cell Biology or a related course with a primary focus on cellular biology (course title does not need to be specifically 'Cell Biology') is required. The course should focus on the study of the structure and function of the cell.		✗	✗	✗	✓	● For basic science courses, RMC will accept courses taken at a community college on a case-by-case basis.
		Chemistry	CHEM	Required	One academic YEAR of Chemistry is required, with one COURSE being Biochemistry. One COURSE of Organic Chemistry is recommended. Additionally, one academic YEAR of lab work in Chemistry AND/OR Biology is required.		✓	✗	✗	✓	●

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IL	Rush Medical College of Rush University Medical Center										For basic science courses, RMC will accept courses taken at a community college on a case-by-case basis.
		Composition & Rhetoric	ENGL	Required	One academic YEAR of English Composition is required.		✗	✗	✗	✓	✓
		Mathematics	MATH	Required	One COURSE of Algebra or higher-level math (with the exception of statistics) is required.		✗	✗	✓	✓	✓
		Physics	PHYS	Required	One COURSE of Physics is required.		✗	✗	✓	✓	✓
IL	Southern Illinois University School of Medicine	Biochemistry	CHEM	Recommended	Recommended		✓	✓	✓	● SIU SOM Prefers coursework taken from land based institutions	✓
		Cell Biology	BIOL	Recommended	SIU SOM has no required coursework in order to apply, however the courses listed are recommended.		✓	✓	✓	● SIU SOM prefers coursework from land-based Institutions.	✓
		Chemistry	CHEM	Recommended			✓	✓	✓	● SIU SOM Prefers coursework taken from land based institutions	✓

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IL	Southern Illinois University School of Medicine	Genetics	BIOL	Recommended	Recommended not required		✓	✓	✓	SIU SOM prefers coursework from land based institutions	✓
		Molecular Biology	BIOL	Recommended	Recommended not required		✓	✓	✓	SIU SOM prefers coursework from land based institutions	✓
		Physics	PHYS	Recommended			✓	✓	✓	SIU SOM prefers coursework from land based institutions	✓
		Physiology	BIOL	Recommended	Recommended not required		✓	✓	✓	SIU SOM prefers coursework from land based institutions	✓
		Statistics	MATH	Recommended			✓	✓	✓	SIU SOM prefers coursework from land based institutions	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
IL	University of Chicago Division of the Biological Sciences The Pritzker School of Medicine	Biochemistry	CHEM	Required	Applicants must have a familiarity with biochemistry, which in turn requires a background in general and organic chemistry. Applicants will typically satisfy this requirement after completing one semester of organic chemistry and one semester of biochemistry, or a year-long integrated organic/biochemistry course, including one semester of lab.		✓	✓	AP courses are reviewed on a case-by-case basis.	Online courses are reviewed on a case-by-case basis.	✓
		Biology	BIOL	Required	Required Biology Competencies: Gene expression, Cell Structure & Organization, Metabolism, Membrane Receptors, Signal Transduction & Signaling Pathways, Reproduction, Differentiation, Basic Physiology, Immunology The Biology Competencies will typically be satisfied through a one-year college biology course with lab. Advanced biology coursework will also satisfy these requirements where an applicant has tested out of first-year college biology.		✓	✓	AP classes are reviewed on a case-by-case basis.	Online classes are reviewed on a case-by-case basis.	✓
		Mathematics	MATH	Required	Required Mathematics Competencies: The ability to organize, analyze, and evaluate data is vital to medical and scientific education and investigation. The Mathematics Competencies will typically be satisfied through a college course in statistics or biomathematics. Coursework integrating biology, statistics and epidemiology with an emphasis on data analysis is encouraged.		✗	✓	AP courses are reviewed on a case-by-case basis.	Online courses are reviewed on a case-by-case basis.	✓

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USA

State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
IL	University of Chicago Division of the Biological Sciences The Pritzker School of Medicine	Physics	PHYS	Required	Required Physics Competencies: Mechanics, Electricity, Magnetism, Optics, Thermodynamics, Quantum Theory, Nuclear Theory The Physics Competencies will typically be satisfied through a one-year college physics with lab sequence. Interdisciplinary courses with biological relevance are encouraged when available. Advanced placement may also satisfy these competencies.		✓	✓	● AP courses are reviewed on a case-by-case basis.	● Online courses are reviewed on a case-by-case basis.	✓
IL	University of Illinois College of Medicine	Biochemistry	CHEM	Required	Biochemistry must be completed at a 4-year-science-degree-granding institution.	3	✓	● The rigor of the course might need to be evaluated depending on the circumstance.	✗	● The rigor of the course might need to be evaluated depending on the circumstance.	✗
		Biology	BIOL	Required	Two courses of general biology with laboratory (AP credit accepted). One course of advanced-level biology (minimum 3 credit hours) is required in addition to the two courses of general biology. Advanced-level biology courses must be completed at a 4-year-science-degree-granting institution.	8	✓	● The rigor of the course might need to be evaluated depending on the circumstance.	✓	● The rigor of the course might need to be evaluated depending on the circumstance.	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
IL	University of Illinois College of Medicine	Chemistry	CHEM	Required	Two courses of general chemistry (or equivalent) with laboratory (8 credit hours) Two courses of organic chemistry with laboratory (8 credit hours) are also required. The second course of organic chemistry may be waived if it is not required by your institution as a prerequisite for biochemistry.	16	✓	● The rigor of the course might need to be evaluated depending on the circumstance.	✓	● The rigor of the course might need to be evaluated depending on the circumstance.	✓
		Physics	PHYS	Required	Two courses of general physics with laboratory.	8	✓	● The rigor of the course might need to be evaluated depending on the circumstance.	✓	● The rigor of the course might need to be evaluated depending on the circumstance.	✓
		Sociology	BESS	Required	Applicants must complete three courses in Behavioral/Social Sciences. This requirement can be met by Psychology, Ethics, Economics, Gender Studies, Sociology, etc. Please contact us directly if there is a question regarding meeting this requirement.	9	✗	● The rigor of the course might need to be evaluated depending on the circumstance.	✓	● The rigor of the course might need to be evaluated depending on the circumstance.	✓

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IN	Indiana University School of Medicine	Biochemistry	CHEM	Required		3	✗	✓	✓	● Online coursework is accepted but preference is for students to complete science prerequisite courses in classroom settings and at four year accredited institutions.	✓
		Biology	BIOL	Required		8	✓	✓	✓	● Online coursework is accepted but preference is for students to complete science prerequisite courses in classroom settings and at four year accredited institutions.	✓
		Chemistry	CHEM	Required		8	✓	✓	✓	● Online coursework is accepted but preference is for students to complete science prerequisite courses in classroom settings and at four year accredited institutions.	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
IN	Indiana University School of Medicine	Physical Chemistry	CHEM	Required	Organic chemistry	8	✓	✓	✓	● Online coursework is accepted but preference is for students to complete science prerequisite courses in classroom settings and at four year accredited institutions.	✓
		Physics	PHYS	Required		8	✓	✓	✓	● Online coursework is accepted but preference is for students to complete science prerequisite courses in classroom settings and at four year accredited institutions.	✓
		Psychology	BESS	Required		3	✗	✓	✓	✓	✓
		Sociology	BESS	Required		3	✗	✓	✓	✓	✓
KS	University of Kansas School of Medicine	Anatomy	BIOL	Recommended	1 semester of Anatomy & Physiology recommended	3	✗	✓	✓	✓	✓
		Biochemistry	CHEM	Recommended	Minimum one semester of biochemistry highly recommended.	3	✗	✓	✓	✓	✓
		Biology	BIOL	Required	2 semesters of biological sciences at the level of a biology major.	8	✓	✓	✓	✓	✓
		Chemistry	CHEM	Required	2 semesters of inorganic (general) chemistry with labs. 2 semesters of organic chemistry (with at least 1 lab).	16	✓	✓	✓	✓	✓

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KS	University of Kansas School of Medicine	Composition & Rhetoric	ENGL	Required	2 semesters of English composition or writing-intensive courses (sufficient credit for bachelor's degree)	6	✓	✓	✓	✓	✓
		Immunology	BIOL	Recommended	1 semester recommended	3	✗	✓	✓	✓	✓
		Physics	PHYS	Required	2 semesters of physics with lab (algebra or calculus based).	8	✓	✓	✓	✓	✓
KY	University of Kentucky College of Medicine	Anatomy	BIOL	Recommended			✗	● Recommended course only.	✓	✓	✓
		Biology	BIOL	Required		6	✗	● Two courses of studies in biological sciences	✓	✓	✓
		Biostatistics	MATH	Recommended			✗	● Recommended course only.	✓	✓	✓
		Chemistry	CHEM	Required		12	✗	● Four courses in chemistry, including organic chemistry and biochemistry.	✓	✓	✓
		Composition & Rhetoric	ENGL	Required		6	✗	● Two courses involving critical writing, synthesis of scholarship, and oral presentations /speaking skills.	✓	✓	✓
		Genetics	BIOL	Recommended			✗	● Recommended course only.	✓	✓	✓

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KY	University of Kentucky College of Medicine	Physics	PHYS	Required		6	✗	● Two courses of studies in physics	✓	✓	✓
		Physiology	BIOL	Recommended			✗	● Recommended course only.	✓	✓	✓
		Psychology	BESS	Recommended			✗	● Behavioral sciences courses are recommended.	✓	✓	✓
KY	University of Louisville School of Medicine	Biochemistry	CHEM	Required	requirement is met by a one semester Biochemistry course.	3	✗	✗	✓	✓	✓
		Biology	BIOL	Required	requirement is met by one semester of cellular biology with lab and one semester of organismic biology with lab. Survey courses (an introductory course of study that provides a general view of an academic subject) in anatomy and physiology cannot be substituted for this requirement. AP and IB Biology credit is not accepted toward this requirement. If your undergraduate institution accepted AP or IB Biology credit, two upper level Biology courses with labs are required.	8	✓	✗	✗	✓	✓
		Chemistry	CHEM	Required	requirement is met by a one-year sequence in general inorganic chemistry with labs.	8	✓	✗	✓	✓	✓
		Composition & Rhetoric	ENGL	Required	requirement is met by two semesters of writing, literature, and/or speech communication courses. AP and IB credit is acceptable for one semester only and cannot fulfill the requirement in full. One semester may be substituted with a writing intensive course.	6	✗	✗	✓	✓	✓
		Physical Chemistry	CHEM	Required	requirement is met by a one-year sequence in organic chemistry, including all major categories of organic compounds. While organic laboratory courses are valuable for individual student goals and degree requirements, they are not required by our Admissions Committee.	6	✗	✗	✓	✓	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
KY	University of Louisville School of Medicine	Physics	PHYS	Required	requirement is met by a one-year sequence in general physics with labs, including mechanics, electricity, heat, light and sound. Specialized courses in sub-disciplines cannot be substituted for any part of this requirement.	8	✓	✗	✓	✓	✓
		Statistics	MATH	Recommended	While not required, a course in statistical methods is recommended.	3	✗	✗	✓	✓	✓
LA	Louisiana State University School of Medicine in New Orleans	Biochemistry	CHEM	Required	General Biochemistry	3	✗	● Please Contact the Admissions Office regarding your Pass/ Fail grade	✓	✓	✓
		Biology	BIOL	Required	General Biology 1 and 2 with labs.	8	✓	● General Biology is a required pre-requisite. Please contact our office regarding your Pass/ Fail status.	✓	✓	✓
		Chemistry	CHEM	Required	General Chemistry 1 and 2 with corresponding labs Organic Chemistry 1 and 2 with corresponding labs	16	✓	● General Chemistry and Organic Chemistry are a required pre-requisites. Please contact our office for a review of your Pass / Fail status	✓	✓	✓
		Composition & Rhetoric	ENGL	Required	General English 6 hours	6	✗	✓	✓	✓	✓

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LA	Louisiana State University School of Medicine in New Orleans	Physics	PHYS	Required	General Physics 1 and 2 with corresponding labs	8	✓	● Please contact the Admissions Office for a review of your Pass/ Fail Status	✓	✓	✓
		Statistics	MATH	Required	General Statistics or Calculus. This has to be a in Math. Statistics courses in Psychology will not qualify.	3	✗	✓	✓	✓	✓
LA	Louisiana State University School of Medicine in Shreveport	Biochemistry	CHEM	Required		3	✓	● For grades issued during the COVID-19 crisis (Spring 2020 through Summer 2022 semesters), LSU Health Shreveport will accept P/F and online courses.	✓	● For grades issued during the COVID-19 crisis (Spring 2020 through Summer 2022 semesters), LSU Health Shreveport will accept P/F and online courses.	● Applicants whose science coursework was done predominantly at the junior college level may be at a competitive disadvantage.
		Biology	BIOL	Required		12	✓	● For grades issued during the COVID-19 crisis (Spring 2020 through Summer 2022 semesters), LSU Health Shreveport will accept P/F and online courses.	✓	● For grades issued during the COVID-19 crisis (Spring 2020 through Summer 2022 semesters), LSU Health Shreveport will accept P/F and online courses.	● Applicants whose science coursework was done predominantly at the junior college level may be at a competitive disadvantage.

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LA	Louisiana State University School of Medicine in Shreveport	Biostatistics	MATH	Recommended			✗	For grades issued during the COVID-19 crisis (Spring 2020 through Summer 2022 semesters), LSU Health Shreveport will accept P/F and online courses.	✓	For grades issued during the COVID-19 crisis (Spring 2020 through Summer 2022 semesters), LSU Health Shreveport will accept P/F and online courses.	✓
		Cell Biology	BIOL	Recommended			✗	For grades issued during the COVID-19 crisis (Spring 2020 through Summer 2022 semesters), LSU Health Shreveport will accept P/F and online courses.	✓	For grades issued during the COVID-19 crisis (Spring 2020 through Summer 2022 semesters), LSU Health Shreveport will accept P/F and online courses.	Applicants whose science coursework was done predominantly at the junior college level may be at a competitive disadvantage.

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
LA	Louisiana State University School of Medicine in Shreveport	Chemistry	CHEM	Required		9	✓	For grades issued during the COVID-19 crisis (Spring 2020 through Summer 2022 semesters), LSU Health Shreveport will accept P/F and online courses.	✓	For grades issued during the COVID-19 crisis (Spring 2020 through Summer 2022 semesters), LSU Health Shreveport will accept P/F and online courses.	Applicants whose science coursework was done predominantly at the junior college level may be at a competitive disadvantage.
		Genetics	BIOL	Recommended			✗	For grades issued during the COVID-19 crisis (Spring 2020 through Summer 2022 semesters), LSU Health Shreveport will accept P/F and online courses.	✓	For grades issued during the COVID-19 crisis (Spring 2020 through Summer 2022 semesters), LSU Health Shreveport will accept P/F and online courses.	Applicants whose science coursework was done predominantly at the junior college level may be at a competitive disadvantage.

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USA

State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
LA	Louisiana State University School of Medicine in Shreveport	Histology	BIOL	Recommended			✗	● For grades issued during the COVID-19 crisis (Spring 2020 through Summer 2022 semesters), LSU Health Shreveport will accept P/F and online courses.	✓	● For grades issued during the COVID-19 crisis (Spring 2020 through Summer 2022 semesters), LSU Health Shreveport will accept P/F and online courses.	● Applicants whose science coursework was done predominantly at the junior college level may be at a competitive disadvantage.
		Immunology	BIOL	Recommended			✗	● For grades issued during the COVID-19 crisis (Spring 2020 through Summer 2022 semesters), LSU Health Shreveport will accept P/F and online courses.	✓	● For grades issued during the COVID-19 crisis (Spring 2020 through Summer 2022 semesters), LSU Health Shreveport will accept P/F and online courses.	● Applicants whose science coursework was done predominantly at the junior college level may be at a competitive disadvantage.

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USA

State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
LA	Louisiana State University School of Medicine in Shreveport	Literature	ENGL	Required	All coursework, not just Literature, taught by the English department will satisfy the English requirement.	6	✗	● For grades issued during the COVID-19 crisis (Spring 2020 through Summer 2022 semesters), LSU Health Shreveport will accept P/F and online courses.	✓	● For grades issued during the COVID-19 crisis (Spring 2020 through Summer 2022 semesters), LSU Health Shreveport will accept P/F and online courses.	✓
		Microbiology	BIOL	Recommended			✗	● For grades issued during the COVID-19 crisis (Spring 2020 through Summer 2022 semesters), LSU Health Shreveport will accept P/F and online courses.	✓	● For grades issued during the COVID-19 crisis (Spring 2020 through Summer 2022 semesters), LSU Health Shreveport will accept P/F and online courses.	● Applicants whose science coursework was done predominantly at the junior college level may be at a competitive disadvantage.

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USA

State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
LA	Louisiana State University School of Medicine in Shreveport	Molecular Biology	BIOL	Recommended			✗	● For grades issued during the COVID-19 crisis (Spring 2020 through Summer 2022 semesters), LSU Health Shreveport will accept P/F and online courses.	✓	● For grades issued during the COVID-19 crisis (Spring 2020 through Summer 2022 semesters), LSU Health Shreveport will accept P/F and online courses.	● Applicants whose science coursework was done predominantly at the junior college level may be at a competitive disadvantage.
		Neuroscience	BIOL	Recommended			✗	● For grades issued during the COVID-19 crisis (Spring 2020 through Summer 2022 semesters), LSU Health Shreveport will accept P/F and online courses.	✓	● For grades issued during the COVID-19 crisis (Spring 2020 through Summer 2022 semesters), LSU Health Shreveport will accept P/F and online courses.	● Applicants whose science coursework was done predominantly at the junior college level may be at a competitive disadvantage.

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
LA	Louisiana State University School of Medicine in Shreveport	Physics	PHYS	Recommended			✗	● For grades issued during the COVID-19 crisis (Spring 2020 through Summer 2022 semesters), LSU Health Shreveport will accept P/F and online courses.	✓	● For grades issued during the COVID-19 crisis (Spring 2020 through Summer 2022 semesters), LSU Health Shreveport will accept P/F and online courses.	✓
		Physiology	BIOL	Recommended			✗	● For grades issued during the COVID-19 crisis (Spring 2020 through Summer 2022 semesters), LSU Health Shreveport will accept P/F and online courses.	✓	● For grades issued during the COVID-19 crisis (Spring 2020 through Summer 2022 semesters), LSU Health Shreveport will accept P/F and online courses.	● Applicants whose science coursework was done predominantly at the junior college level may be at a competitive disadvantage.
		Statistics	MATH	Recommended			✗	● For grades issued during the COVID-19 crisis (Spring 2020 through Summer 2022 semesters), LSU Health Shreveport will accept P/F and online courses.	✓	● For grades issued during the COVID-19 crisis (Spring 2020 through Summer 2022 semesters), LSU Health Shreveport will accept P/F and online courses.	✓

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USA

State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
LA	Tulane University School of Medicine	Biochemistry	CHEM	Recommended			✓	✓	✓	✓	✓
		Biology	BIOL	Recommended			✓	✓	✓	✓	✓
		Chemistry	CHEM	Recommended			✓	✓	✓	✓	✓
		Composition & Rhetoric	ENGL	Recommended			✗	✓	✓	✓	✓
		Genetics	BIOL	Recommended			✗	✓	✓	✓	✓
		Mathematics	MATH	Recommended			✓	✓	✓	✓	✓
		Physics	PHYS	Recommended			✓	✓	✓	✓	✓
		Psychology	BESS	Recommended			✗	✓	✓	✓	✓
		Sociology	BESS	Recommended			✗	✓	✓	✓	✓
		Statistics	MATH	Recommended			✗	✓	✓	✓	✓
MA	Boston University Aram V. Chobanian & Edward Avedisian School of Medicine	Biochemistry	CHEM	Recommended			✓	● Courses taught online during Covid are accepted.	● Accepted when other advanced level science course are taken in college.	● Courses taught online during Covid are accepted.	● Courses taught online during Covid are accepted.
		Biology	BIOL	Required			✓	● Courses taught online during Covid are accepted.	● Accepted when other advanced level science courses are taken in college.	● Courses taught online during Covid are accepted.	● Courses taught online during Covid are accepted.
		Biostatistics	MATH	Recommended			✗	● Courses taught online during Covid are accepted.	● Accepted when other advanced level statistics courses are taken in college.	● Accepted when other advanced level statistics courses are taken in college.	● Courses taught online during Covid are accepted.

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
MA	Boston University Aram V. Chobanian & Edward Avedisian School of Medicine	Chemistry	CHEM	Required			✓	Courses taught online during Covid are accepted.	Accepted when other advanced level science courses are taken in college.	Courses taught online during Covid are accepted.	Courses taught online during Covid are accepted.
		Composition & Rhetoric	ENGL	Required	Any writing intensive course(s) can be counted towards the English requirement.		✗	Courses taught online during Covid are accepted.	Accepted when other advanced level English courses are taken in college.	Courses taught online during Covid are accepted.	Courses taught online during Covid are accepted.
		Molecular Biology	BIOL	Recommended			✗	Courses taught online during Covid are accepted.	Accepted when other advanced level science courses are taken in college.	Courses taught online during Covid are accepted.	Courses taught online during Covid are accepted.
		Physical Chemistry	CHEM	Recommended			✓	Courses taught online during Covid are accepted.	Accepted when other advanced level science courses are taken in college.	Courses taught online during Covid are accepted.	Courses taught online during Covid are accepted.
		Physics	PHYS	Required			✗	Courses taught online during Covid are accepted.	Accepted when advanced level science courses are taken in college.	Courses taught online during Covid are accepted.	Courses taught online during Covid are accepted.
		Psychology	BESS	Recommended			✗				

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
MA	Boston University Aram V. Chobanian & Edward Avedisian School of Medicine							Courses taught online during Covid are accepted.	Accepted when other advanced level psychology courses are taken in college.	Courses taught online during Covid are accepted.	Courses taught online during Covid are accepted.
		Sociology	BESS	Recommended				Courses taught online during Covid are accepted.	Accepted when other advanced level sociology courses are taken in college.	Courses taught online during Covid are accepted.	Courses taught online during Covid are accepted.
		Zoology	BIOL	Recommended				Courses taught online during Covid are accepted.	Accepted when other advanced level science courses are taken in college.	Courses taught online during Covid are accepted.	Courses taught online during Covid are accepted.

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
MA	Harvard Medical School	Biology	BIOL	Required	One year with lab experience (one semester of lab experience should be with corresponding coursework; however, second semester lab may be fulfilled by independent laboratory based research) is required. Should include cellular and molecular aspects AP credits cannot be used; however, if students have earned college credit for biology through AP coursework, upper level courses in biology will satisfy this requirement.		✓	✗	✗	● No policy restricting the use of online courses to satisfy prerequisite requirements however courses taken in person are strongly preferred. Lab Sciences requirements should not be taken online.	✗

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
MA	Harvard Medical School	Chemistry	CHEM	Required	Two years of chemistry (four courses) including inorganic chemistry, organic chemistry, and biochemistry are required. Lab experience required AP credits that enable you to take a higher-level course will satisfy one semester of inorganic chemistry		✓	✗	✓	● No policy restricting the use of online courses to satisfy prerequisite requirements however courses taken in person are strongly preferred. Lab Sciences requirements should not be taken online.	✗
		Composition & Rhetoric	ENGL	Required	One year is required. AP credits cannot be used Writing intensive courses are preferred Humanities or social science courses involving substantial expository writing will satisfy this requirement		✗	✗	✗	● No policy restricting the use of online courses to satisfy prerequisite requirements however courses taken in person are strongly preferred.	✗

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MA	Harvard Medical School	Mathematics	MATH	Recommended	Pathways- Encouraged to complete one year of coursework in mathematics, including one semester each of calculus and statistics (preferably biostatistics) HST –Coursework that includes upper-level mathematics (typically to include differential equations and/or linear algebra)* is strongly encouraged, although evidence of comparable engagement with analytic and computational tools through other activities will be considered. Statistics (preferably biostatistics) is also encouraged		✗	✗	✗	No policy restricting the use of online courses to satisfy prerequisite requirements however courses taken in person are strongly preferred. Lab Sciences requirements should not be taken online.	✗

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MA	Harvard Medical School	Physics	PHYS	Required	One year is required. Lab experience is desirable but not required Pathways- AP credits that enable you to take an upper-level course will meet one semester HST- One year of physics must be taken at the college level. Candidates are strongly encouraged to meet this prerequisite with at least one year in calculus-based physics*		✗	✗	✓	● No policy restricting the use of online courses to satisfy prerequisite requirements however courses taken in person are strongly preferred. Lab Sciences requirements should not be taken online.	✗
		Psychology	BESS	Recommended	All applicants are encouraged to complete coursework in the behavioral sciences. Courses in the fields of psychology, sociology, as well as other disciplines, are suggested.		✗	● Courses taken for a grade are strongly preferred.	✗	● HMS does not have a specific policy restricting the use of online courses to satisfy prerequisite requirements; however, courses taken in person are strongly preferred. .	✗

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
MA	Tufts University School of Medicine	Biology	BIOL	Required	Full year of introductory or advanced biology coursework. Any courses offered by the biology department for science majors are acceptable. Note: Competency in Mendelian genetics as well as cell and molecular biology is required. This is usually acquired in introductory biology courses. Upper level courses in genetics and/or cell and molecular biology are helpful but not required. (Note: Coursework that fulfills the biology prerequisite requirement may also be used to fulfill the competency requirement, if applicable.)	6	✓	✗	✗	● TUSM does not have a policy prohibiting applicants from taking prerequisite courses at community colleges. Students should choose the most rigorous possible academic preparation.	● TUSM does not have a policy prohibiting applicants from taking prerequisite courses at community colleges. Students should choose the most rigorous possible academic preparation.
		Chemistry	CHEM	Required	Two years of chemistry coursework that includes at least one semester course in general chemistry and one semester course in organic chemistry. A semester course in biochemistry is highly recommended and may count towards the two year total. Examples (in semesters): 2 general + 2 organic, or 2 general + 1 organic + 1 biochemistry, or 1 general + 2 organic + 1 biochemistry	12	✓	✗	●	●	●

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
MA	Tufts University School of Medicine								Applicants with AP credit in chemistry must present at least a year and a half of college chemistry coursework that includes at least one semester course in organic chemistry.	TUSM does not have a policy prohibiting applicants from taking prerequisite courses at community colleges. Students should choose the most rigorous possible academic preparation.	TUSM does not have a policy prohibiting applicants from taking prerequisite courses at community colleges. Students should choose the most rigorous possible academic preparation.
		Physics	PHYS	Required	A semester of physics coursework. Any course offered by the physics department for science majors is acceptable. AP credit will not count for your physics requirement. However, the requirement can be satisfied by completing a course where physics was a prerequisite or completing an advanced course that incorporates physics (e.g. physical chemistry or engineering course). You should document this information with an explanation on your secondary application.	3				TUSM does not have a policy prohibiting applicants from taking prerequisite courses at community colleges. Students should choose the most rigorous possible academic preparation.	TUSM does not have a policy prohibiting applicants from taking prerequisite courses at community colleges. Students should choose the most rigorous possible academic preparation.

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
MA	Tufts University School of Medicine	Statistics	MATH	Required	Competency in the basic concepts of statistics. May be acquired through an introductory course in statistics, as a topic in a science or social science course, or through experience with a research project.	3	✗	✗	✗	● TUSM does not have a policy prohibiting applicants from taking prerequisite courses at community colleges. Students should choose the most rigorous possible academic preparation.	● TUSM does not have a policy prohibiting applicants from taking prerequisite courses at community colleges. Students should choose the most rigorous possible academic preparation.
MA	University of Massachusetts T.H. Chan School of Medicine	Biochemistry	CHEM	Required	Online and pass/fail accepted as a result of pandemic. Please explain in Secondary application. Please refer to our website for further details regarding course descriptions and requirements.	3	✗	✓	✓	✓	✓
		Biology	BIOL	Required	Online and pass/fail accepted as a result of pandemic. Please explain in Secondary application. Please refer to our website for further details regarding course descriptions.	8	✓	✓	✓	✓	✓
		Chemistry	CHEM	Required	Combination of General AND Organic Chemistry. 12 - 16 Credit Hours. Online and pass/fail accepted as a result of pandemic. Please explain in Secondary application. Please refer to our website for further details regarding course descriptions and requirements.	12	✓	✓	✓	✓	✓
		Literature	ENGL	Required	Any writing intensive Englich course will suffice. Online and pass/fail accepted as a result of pandemic. Please explain in Secondary application. Please refer to our website for further details regarding course descriptions and requirements.	6	✗	✓	✓	✓	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
MA	University of Massachusetts T.H. Chan School of Medicine	Physics	PHYS	Required	Online and pass/fail accepted as a result of pandemic. Please explain in Secondary application. Please refer to our website for further details regarding course descriptions and requirements.	8	✓	✓	✓	✓	✓
		Psychology	BESS	Recommended	Online and pass/fail accepted as a result of pandemic. Please explain in Secondary application. Please refer to our website for further details regarding course descriptions and requirements.	3	✗	✓	✓	✓	✓
		Sociology	BESS	Recommended	Online and pass/fail accepted as a result of pandemic. Please explain in Secondary application. Please refer to our website for further details regarding course descriptions and requirements.	3	✗	✓	✓	✓	✓
		Statistics	MATH	Required	Online and pass/fail accepted as a result of pandemic. Please explain in Secondary application. Please refer to our website for further details regarding course descriptions and requirements.	3	✗	✓	✓	✓	✓
MD	Johns Hopkins University School of Medicine	Biochemistry	CHEM	Required	The student should have knowledge of chemical equilibrium and thermodynamics, acid/base chemistry, the nature of ions in solution and redox reactions, the structure of molecules with special emphasis on bio-organic compounds, reaction rates, binding coefficients, reaction mechanisms involved in enzyme kinetics and other applications to the understanding of living systems. Also important is a basic understanding of the structure of nucleic acids, including how they store and transfer information.	3	✗	✓	✓	✓	✓
		Biology	BIOL	Required	A separate course devoted to the principles of genetics (4 sem. hours) is recommended. Individuals who have not completed their studies in biology within the past four (4) years are strongly encouraged to take an additional course in mammalian or molecular biology. If using AP or IB credit, an additional semester in advanced biology, such as cell biology, genetics, physiology, molecular biology, etc., is required.	8	✓	✓	✓	✓	✓

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MD	Johns Hopkins University School of Medicine	Chemistry	CHEM	Required	If using AP or IB credit, an additional semester in advanced chemistry is required. Acceptable advanced chemistry courses include the following: a second semester of organic chemistry; a second semester of biochemistry; analytical chemistry (quantitative or qualitative); physical chemistry, applied chemical equilibrium and reactivity, etc.	8	✓	✓	✓	✓	✓
		Mathematics	MATH	Required	Calculus - Mathematics courses should enable the student to develop equations, to interpret graphical representations of function and to evaluate probability involved in testing hypotheses in the study of natural phenomena. AP or IB credit for calculus or statistics, if acceptable to the student's undergraduate college, may be used in the fulfillment of the math requirement. Regardless of such credit, it is strongly recommended that applicants take at least one semester of statistics or epidemiology.	3	✗	✓	✓	✓	✓
		Physics	PHYS	Required	The student should have an understanding of the constants and units of physical measurement, Newtonian mechanics, the physical properties of various states of matter, such as liquids, solids and gasses, and the basic aspects of electricity, magnetism and optics, and their applications to living systems. AP or IB credit for physics, if acceptable to the student's undergraduate college, may be used in fulfillment of the physics requirement. The laboratory portion of this requirement is expected to equip the student with practical understanding of the process of scientific inquiry and to gain insight into how scientific knowledge is discovered and validated.	8	✓	✓	✓	✓	✓
		Statistics	MATH	Required	Mathematics courses should enable the student to develop equations, to interpret graphical representations of function and to evaluate probability involved in testing hypotheses in the study of natural phenomena. AP or IB credit for calculus or statistics, if acceptable to the student's undergraduate college, may be used in the fulfillment of the math requirement. Regardless of such credit, it is strongly recommended that applicants take at least one semester of statistics or epidemiology.	3	✗	✓	✓	✓	✓

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MD	Uniformed Services University of the Health Sciences F. Edward Hebert School of Medicine	Biochemistry	CHEM	Recommended	Lab is recommended but not required.	3	✗	✗	✓	✓	✓
		Biology	BIOL	Required		8	✓	✗	✓	✓	✓
		Chemistry	CHEM	Required	1 year-General or Inorganic Chemistry with lab (8 credit hours) and 1 year-Organic Chemistry with lab (8 credit hours) AP credit not accepted for Organic Chemistry. Biochemistry can be substituted for one semester of Chemistry.	16	✓	✗	✓	✓	✓
		Composition & Rhetoric	ENGL	Required	Students could also complete one year of a writing intensive Humanities, Social Science, Language or Psychology course.	6	✗	✗	✓	✓	✓
		Mathematics	MATH	Required	One semester of calculus or statistics will fulfill our requirement.	3	✗	✗	✓	✓	✓
		Physics	PHYS	Required		8	✓	✗	✓	✓	✓
		Psychology	BESS	Recommended			✗	✓	✓	✓	✓
MD	University of Maryland School of Medicine	Biochemistry	CHEM	Recommended	Lab is strongly encouraged but not required.		✓	● Will accept but prefer letter grade	✓	✓	✓
		Biology	BIOL	Required	Biological Sciences - one year with labs		✓	● Will accept but prefer letter grade	✓	✓	✓
		Chemistry	CHEM	Required	*General/Inorganic - one year with labs *Organic Chemistry - either one year with laboratory or one semester of Organic Chemistry (with lab) and one semester of Biochemistry (lab encouraged but not required)		✓	● Will accept but prefer letter grade	✓	✓	✓
		Composition & Rhetoric	ENGL	Required	English or other writing-intensive coursework - one year (For writing-intensive coursework, the writing assignments should be 50% or more of the final grade.)		✗	● Will accept but prefer letter grade	✓	✓	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
MD	University of Maryland School of Medicine	Genetics	BIOL	Recommended	one semester		✗	Will accept but prefer letter grade	✓	✓	✓
		Immunology	BIOL	Recommended	one semester		✗	Will accept but prefer letter grades.	✓	✓	✓
		Microbiology	BIOL	Recommended	one semester		✗	Will accept but prefer letter grade	✓	✓	✓
		Physics	PHYS	Required	Physical Sciences - one year with labs		✓	Will accept but prefer letter grade	✓	✓	✓
		Physiology	BIOL	Recommended	one semester		✗	Will accept but prefer letter grade	✓	✓	✓
MI	Central Michigan University College of Medicine	Biology	BIOL	Required	Two semesters of biological science courses with laboratory sections. Courses such as anatomy, biology, genetics, physiology, and microbiology fulfill this requirement.	6	✓	✓	Please contact the admissions office for additional information	✓	✓
		Chemistry	CHEM	Required	Two semesters of organic chemistry with at least one laboratory OR one semester of organic chemistry and one semester of biochemistry with at least one laboratory section.	6	✓	✓	Please contact the admissions office for additional information.	✓	✓

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MI	Michigan State University College of Human Medicine	Anthropology	BESS	Recommended	Courses could be from any of the following: Anthropology, Economics, History, Political Science, Psychology, or Sociology (1 semester)		✗	● Please reach out to the Admissions Office.	✓	✓	✓
		Biochemistry	CHEM	Required	Biochemistry (1 semester)		✗	● Please reach out to the Admissions Office.	✓	✓	✓
		Biology	BIOL	Required	Biology with lab (1 year)		✓	● Please reach out to the Admissions Office.	✓	✓	✓
		Cell Biology	BIOL	Required	1 semester of upper level (defined as 300-400 level, junior-senior level coursework. Examples include coursework in (but not limited to): Anatomy Advanced Cell Biology Embryology Genetics Immunology Microbiology Molecular Biology Neuroscience Physiology Zoology		✗	● Please reach out to the Admissions Office.	✓	✓	✓
		Chemistry	CHEM	Required	Organic Chemistry with lab (1 year)		✓	● Please reach out to the Admissions Office.	✓	✓	✓

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✓ : Yes ✗ : No ● : Case-by-Case

USA

State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
MI	Michigan State University College of Human Medicine	Physical Chemistry	CHEM	Required	General Chemistry with lab (1 year)		✓	● Please reach out to the Admissions Office.	✓	✓	✓
		Physics	PHYS	Required	Introductory Physics with lab (1 year)		✓	● Please reach out to the Admissions Office.	✓	✓	✓
		Statistics	MATH	Required	College Algebra or Statistics (1 semester)		✗	● Please reach out to the Admissions Office.	✓	✓	✓
MI	Oakland University William Beaumont School of Medicine	Biochemistry	CHEM	Required		3	✗	✓	✗	✓	✓
		Biology	BIOL	Required	Lab required in biology, chemistry or physics	4	✓	✓	✗	✗	✓
		Psychology	BESS	Required	1 course required in social or behavioral sciences. DOES NOT need to be psychology specifically.	3	✗	✓	✓	✓	✓
		Statistics	MATH	Required	Math or Social Science based	3	✗	✓	● Reviewed on a case-by-case-basis	✓	✓
MI	University of Michigan Medical School	Biochemistry	CHEM	Recommended			✓	✓	✓	✓	✓
		Biology	BIOL	Recommended			✓	✓	✓	✓	✓
		Biostatistics	MATH	Recommended			✗	✓	✓	✓	✓
		Cell Biology	BIOL	Recommended			✓	✓	✓	✓	✓
		Chemistry	CHEM	Recommended			✓	✓	✓	✓	✓
		Composition & Rhetoric	ENGL	Recommended			✗	✓	✓	✓	✓
		Genetics	BIOL	Recommended			✗	✓	✓	✓	✓
		Immunology	BIOL	Recommended			✗	✓	✓	✓	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
MI	University of Michigan Medical School	Microbiology	BIOL	Recommended			✗	✓	✓	✓	✓
		Molecular Biology	BIOL	Recommended			✗	✓	✓	✓	✓
		Physical Chemistry	CHEM	Recommended			✓	✓	✓	✓	✓
		Physics	PHYS	Recommended			✓	✓	✓	✓	✓
		Psychology	BESS	Recommended			✗	✓	✓	✓	✓
		Sociology	BESS	Recommended			✗	✓	✓	✓	✓
		Statistics	MATH	Recommended			✗	✓	✓	✓	✓
MI	Wayne State University School of Medicine	Biology	BIOL	Required	Two (2) semesters of Biology (at least 6 credits). Plus lab.	6	✓	● Pass/Fail only - March 2020 through December 2021 or MSU Tragedy. Pass/Fail if standardized grading system for all students at the school.	● AP, IB, and CLEP will be accepted if on university transcript.	● Acceptable: 4-year College or University - US or Canada, in-person or online. Not Acceptable: Online only school with no brick and mortar campus.	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
MI	Wayne State University School of Medicine	Chemistry	CHEM	Required	Two (2) semesters of General/Inorganic Chemistry (at least 6 credits) and Two (2) semesters of Organic Chemistry (at least 6 credits). Plus one semester of General or Inorganic Chemistry lab, and one semester of Organic Chemistry lab.	12	✓	Pass/Fail only - March 2020 through December 2021 or MSU Tragedy. Pass/Fail if standardized grading system for all students at the school.	AP, IB, and CLEP will be accepted if on university transcript.	Acceptable: 4-year College or University - US or Canada, in-person or online. Not Acceptable: Online only school with no brick and mortar campus.	✓
		Composition & Rhetoric	ENGL	Required	One (1) semester of English Writing (at least 3 credits).	3	✗	Pass/Fail only - March 2020 through December 2021 or MSU Tragedy. Pass/Fail if standardized grading system for all students at the school.	AP, IB, and CLEP will be accepted if on university transcript.	Acceptable: 4-year College or University - US or Canada, in-person or online. Not Acceptable: Online only school with no brick and mortar campus.	✓
		Mathematics	MATH	Required	One (1) semester of College Mathematics (at least 3 credits).	3	✗				✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
MI	Wayne State University School of Medicine							Pass/Fail only - March 2020 through December 2021 or MSU Tragedy. Pass/Fail if standardized grading system for all students at the school.	AP, IB, and CLEP will be accepted if on university transcript.	Acceptable: 4-year College or University - US or Canada, in-person or online. Not Acceptable: Online only school with no brick and mortar campus.	
		Physics	PHYS	Required	Two (2) semesters of Physics (at least 6 credits). Plus recommended (not required) lab.	6		Pass/Fail only - March 2020 through December 2021 or MSU Tragedy. Pass/Fail if standardized grading system for all students at the school.	AP, IB, and CLEP will be accepted if on university transcript.	Acceptable: 4-year College or University - US or Canada, in-person or online. Not Acceptable: Online only school with no brick and mortar campus.	
MI	Western Michigan University Homer Stryker M.D. School of Medicine	Anatomy	BIOL	Recommended		3					
		Biochemistry	CHEM	Recommended		3					
		Biology	BIOL	Recommended		8					
		Chemistry	CHEM	Recommended		8					
		Composition & Rhetoric	ENGL	Recommended		3					
		Genetics	BIOL	Recommended		3					
		Histology	BIOL	Recommended		3					
		Immunology	BIOL	Recommended		3					
		Physics	PHYS	Recommended		8					
		Physiology	BIOL	Recommended		3					

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
MI	Western Michigan University Homer Stryker M.D. School of Medicine	Psychology	BESS	Recommended		3	✗	✓	✓	✓	✓
		Sociology	BESS	Recommended		3	✗	✓	✓	✓	✓
		Statistics	MATH	Recommended		3	✗	✓	✓	✓	✓
MN	Mayo Clinic Alix School of Medicine	Biochemistry	CHEM	Recommended			✗	✓	✓	✓	✓
		Biology	BIOL	Recommended			✗	✓	✓	✓	✓
		Chemistry	CHEM	Recommended			✗	✓	✓	✓	✓
		Microbiology	BIOL	Recommended			✗	✓	✓	✓	✓
		Physics	PHYS	Recommended			✗	✓	✓	✓	✓
MN	University of Minnesota Medical School	Biology	BIOL	Required	In-person Biology with lab course required. 1 semester or quarter. Any level. Biological sciences coursework with an emphasis on general principles, cell biology, and/or physiology.	3	✓	✗	✗	✗	✓
		Chemistry	CHEM	Required	In-person chemistry course with lab required. 1 semester or quarter. Any level. General or organic chemistry.	3	✓	✗	✗	✗	✓
MO	Saint Louis University School of Medicine	Biology	BIOL	Required	Basic or upper-level coursework will fulfill the requirement.	8	✓	● Spring 2020 semester only.	✗	● Spring 2020 semester only.	✓
		Chemistry	CHEM	Required	General or Inorganic Chemistry-8 Hours Organic Chemistry-8 Hours Basic or upper-level coursework will fulfill the requirement. Biochemistry may be taken in place of one semester of organic chemistry.	16	✓	● Spring 2020 semester only.	✗	● Spring 2020 semester only.	✓
		Physics	PHYS	Required	Basic or upper-level coursework will fulfill the requirement.	8	✓	● Spring 2020 semester only.	✓	● Spring 2020 semester only.	✓
MO	University of Missouri-Columbia School of Medicine	Biology	BIOL	Required	Any biologic sciences course (e.g., biology, genetics, cell biology, animal physiology, molecular biology, histology).	6	✗	✗	✓	✓	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
MO	University of Missouri-Columbia School of Medicine	Chemistry	CHEM	Required	General Chemistry I, General Chemistry II, Organic Chemistry I, and Organic Chemistry II.	12	✗	✗	✓	✓	✓
		Composition & Rhetoric	ENGL	Required	College English composition or writing intensive courses.	6	✗	✗	✓	✓	✓
		Mathematics	MATH	Required	College-level mathematics (college algebra or above).	3	✗	✗	✓	✓	✓
		Physics	PHYS	Required	General Physics I and General Physics II.	6	✗	✗	✓	✓	✓
MO	University of Missouri-Kansas City School of Medicine	Biochemistry	CHEM	Required	One semester of upper-level Biochemistry.	3	✗	✗	✗	✓	✓
		Cell Biology	BIOL	Required	One semester of cell biology.	3	✗	✗	✓	✓	✓
		Genetics	BIOL	Required	One semester of genetics.	3	✗	✗	✓	✓	✓
MO	Washington University in St. Louis School of Medicine	Biology	BIOL	Required	A minimum of one year (two semesters) or the equivalent advanced placement in Biological science. Laboratory experiences are recommended but not required.	6	✗	✓	✓	✓	✓
		Chemistry	CHEM	Required	A minimum of one year (two semesters) or equivalent advanced placement in Organic Chemistry. Laboratory experiences are recommended but not required. One semester of Biochemistry may be substituted for one semester of Organic Chemistry.	6	✗	✓	✓	✓	✓
		Mathematics	MATH	Required	A minimum of one year (two semesters) or equivalent advanced placement in Calculus. Biostatistics or Statistics may be substituted for one semester of Calculus.	6	✗	✓	✓	✓	✓
		Physical Chemistry	CHEM	Required	A minimum of one year (two semesters) or equivalent advanced placement in General or Inorganic Chemistry. Laboratory experiences are recommended but not required.	6	✗	✓	✓	✓	✓
		Physics	PHYS	Required	A minimum of one year (two semesters) or equivalent advanced placement in Physics. Laboratory experiences are recommended but not required.	6	✗	✓	✓	✓	✓
MS	University of Mississippi School of Medicine	Biochemistry	CHEM	Required		3	✗	✗	✗	✗	✗
		Biology	BIOL	Recommended		8	✓	✗	✗	✗	✓
		Chemistry	CHEM	Recommended		8	✓	✗	✗	✗	✓
		Physics	PHYS	Required	2nd year Physics (Physics 2)	3	✓	✗	✗	✗	✓
		Psychology	BESS	Recommended		3	✗	✗	✗	✓	✓

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MS	University of Mississippi School of Medicine	Sociology	BESS	Recommended		3	✗	✗	✗	✓	✓
NC	Brody School of Medicine at East Carolina University	Biochemistry	CHEM	Required		3	✗	✗	✗	✗	✓
		Biology	BIOL	Required	1 year of General Biology or Advanced Biology with lab	8	✓	✗	✗	✗	✓
		Biostatistics	MATH	Required		3	✗	✗	✗	✗	✓
		Chemistry	CHEM	Required	One 4 credit hour Organic Chemistry course with lab	4	✓	✗	✗	✗	✓
		Composition & Rhetoric	ENGL	Required	One year of English (or writing-intensive courses)	6	✗	✗	✗	✗	✓
		Physics	PHYS	Required	One year of physics with lab	8	✓	✗	✗	✗	✓
		Sociology	BESS	Required	Any Social Sciences/Humanities; Psychology	3	✗	✗	✗	✗	✓
NC	Duke University School of Medicine	Biochemistry	CHEM	Recommended			✗	✗	✓	✗	✗
		Chemistry	CHEM	Recommended			✓	✗	✓	✗	✗
		Creative Writing	ENGL	Recommended			✗	✗	✗	✓	✓
		Physical Chemistry	CHEM	Recommended			✓	✗	✓	✗	✗
NC	Methodist University Cape Fear Valley Health School of Medicine	Anatomy	BIOL	Recommended			✓	✓	✓	✓	✓
		Biochemistry	CHEM	Recommended			✓	✓	✓	✓	✓
		Biology	BIOL	Recommended			✓	✓	✓	✓	✓
		Biostatistics	MATH	Recommended			✓	✓	✓	✓	✓
		Cell Biology	BIOL	Recommended			✓	✓	✓	✓	✓
		Chemistry	CHEM	Recommended			✓	✓	✓	✓	✓
		Composition & Rhetoric	ENGL	Recommended			✓	✓	✓	✓	✓
		Creative Writing	ENGL	Recommended			✓	✓	✓	✓	✓
		Economics	BESS	Recommended			✓	✓	✓	✓	✓
		Genetics	BIOL	Recommended			✓	✓	✓	✓	✓
		Human Anatomy	BIOL	Recommended			✓	✓	✓	✓	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
NC	Methodist University Cape Fear Valley Health School of Medicine	Immunology	BIOL	Recommended			✓	✓	✓	✓	✓
		Inorganic Chemistry	CHEM	Recommended			✓	✓	✓	✓	✓
		Mathematics	MATH	Recommended			✓	✓	✓	✓	✓
		Microbiology	BIOL	Recommended			✓	✓	✓	✓	✓
		Molecular Biology	BIOL	Recommended			✓	✓	✓	✓	✓
		Organic Chemistry	CHEM	Recommended			✓	✓	✓	✓	✓
		Physiology	BIOL	Recommended			✓	✓	✓	✓	✓
		Psychology	BESS	Recommended			✓	✓	✓	✓	✓
		Sociology	BESS	Recommended			✓	✓	✓	✓	✓
NC	University of North Carolina at Chapel Hill School of Medicine	Biochemistry	CHEM	Required			✗	✗	✗	Visit website for specific information. https://www.med.unc.edu/admit/requirements/academic-requirements/	✗
		Biostatistics	MATH	Recommended	Visit website for specific information. https://www.med.unc.edu/admit/requirements/academic-requirements/		✗	✓	✓	✓	✓
		Cell Biology	BIOL	Recommended	Visit website for specific information. https://www.med.unc.edu/admit/requirements/academic-requirements/		✗	✓	✓	✓	✓
		Chemistry	CHEM	Recommended	Visit our website for specific information. https://www.med.unc.edu/admit/requirements/academic-requirements/		✗	✓	✓	✓	✓
		Composition & Rhetoric	ENGL	Recommended	Visit our website for specific information. https://www.med.unc.edu/admit/requirements/academic-requirements/		✗	✓	✓	✓	✓
		Genetics	BIOL	Recommended	Visit website for specific information. https://www.med.unc.edu/admit/requirements/academic-requirements/		✗	✓	✓	✓	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
NC	University of North Carolina at Chapel Hill School of Medicine	Immunology	BIOL	Recommended	Visit website for specific information. https://www.med.unc.edu/admit/requirements/academic-requirements/		✗	✓	✓	✓	✓
		Microbiology	BIOL	Recommended	Visit website for specific information. https://www.med.unc.edu/admit/requirements/academic-requirements/		✗	✓	✓	✓	✓
		Physiology	BIOL	Recommended	Visit website for specific information. https://www.med.unc.edu/admit/requirements/academic-requirements/		✗	✓	✓	✓	✓
		Psychology	BESS	Recommended	Visit our website for specific information. https://www.med.unc.edu/admit/requirements/academic-requirements/		✗	✓	✓	✓	✓
		Statistics	MATH	Recommended	Visit our website for specific information. https://www.med.unc.edu/admit/requirements/academic-requirements/		✗	✓	✓	✓	✓
NC	Wake Forest University School of Medicine	Biochemistry	CHEM	Recommended			✗	✓	✓	✓	✓
		Biology	BIOL	Recommended			✓	✓	✓	✓	✓
		Chemistry	CHEM	Recommended			✓	✓	✓	✓	✓
		Genetics	BIOL	Recommended			✗	✓	✓	✓	✓
		Literature	ENGL	Recommended			✗	✓	✓	✓	✓
		Mathematics	MATH	Recommended			✗	✓	✓	✓	✓
		Physical Chemistry	CHEM	Recommended			✓	✓	✓	✓	✓
		Physics	PHYS	Recommended			✓	✓	✓	✓	✓
		Physiology	BIOL	Recommended			✗	✓	✓	✓	✓
		Psychology	BESS	Recommended			✗	✓	✓	✓	✓
		Sociology	BESS	Recommended			✗	✓	✓	✓	✓
ND	University of North Dakota School of Medicine and Health Sciences	Applied Mathematics	MATH	Recommended	Calculus		✗	✗	✓	✓	✓
		Biochemistry	CHEM	Recommended			✗	✗	✓	✓	✓
		Biology	BIOL	Recommended			✓	✗	✓	✓	✓
		Chemistry	CHEM	Recommended	Inorganic and Organic Chemistry		✓	✗	✓	✓	✓
		Genetics	BIOL	Recommended			✗	✗	✓	✓	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
ND	University of North Dakota School of Medicine and Health Sciences	Mathematics	MATH	Recommended			✗	✗	✓	✓	✓
		Physics	PHYS	Recommended			✗	✗	✓	✓	✓
		Psychology	BESS	Recommended			✗	✗	✓	✓	✓
NE	Creighton University School of Medicine	Biochemistry	CHEM	Recommended	Strong background in chemistry including introductory and advanced courses, e.g., biochemistry. Additionally, coursework in English, humanities and statistics is strongly recommended.		✗	✗	✗	✓	✓
		Biology	BIOL	Recommended	Strong background in biology including introductory and advanced courses, e.g., physiology, immunology, and genetics.		✗	✗	✓	✓	✓
		Composition & Rhetoric	ENGL	Recommended	Additionally, coursework in English, humanities and statistics is strongly recommended.		✗	✗	✓	✓	✓
		Statistics	MATH	Recommended	Additionally, coursework in English, humanities and statistics is strongly recommended.		✗	✗	✓	✓	✓
NE	University of Nebraska College of Medicine	Biochemistry	CHEM	Required		3	✗	● Pass/Fail should be limited to 20-21 academic terms or other extenuating circumstances. All requirements for pre-medical coursework are strongly advised to be completed for a letter grade.	✗	✓	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
NE	University of Nebraska College of Medicine	Biology	BIOL	Required	Two semesters of general biology or physiology with laboratory will meet this requirement.	8	✓	Pass/Fail should be limited to 20-21 academic terms or other extenuating circumstances. All requirements for pre-medical coursework are strongly advised to be completed for a letter grade.	✗	✓	✓
		Chemistry	CHEM	Required	Two semesters of general or inorganic chemistry with laboratory (8-10 hours). Two semesters of organic chemistry with laboratory (8-10 hours).	16	✓	Pass/Fail should be limited to 20-21 academic terms or other extenuating circumstances. All requirements for pre-medical coursework are strongly advised to be completed for a letter grade.	✗	✓	✓
		Genetics	BIOL	Required		3	✗		✗	✓	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
NE	University of Nebraska College of Medicine							Pass/Fail should be limited to 20-21 academic terms or other extenuating circumstances. All requirements for pre-medical coursework are strongly advised to be completed for a letter grade.			
		Literature	ENGL	Required	Literature or Composition & Rhetoric to meet requirement	3	✗	● Pass/Fail should be limited to 20-21 academic terms or other extenuating circumstances. All requirements for pre-medical coursework are strongly advised to be completed for a letter grade.	✗	✓	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
NE	University of Nebraska College of Medicine	Physics	PHYS	Required	Two semesters in physics with laboratory will meet this requirement.	8	✓	● Pass/Fail should be limited to 20-21 academic terms or other extenuating circumstances. All requirements for pre-medical coursework are strongly advised to be completed for a letter grade.	✗	✓	✓
		Statistics	MATH	Required	This requirement must include material through introductory calculus OR a course in statistics.	3	✗	● Pass/Fail should be limited to 20-21 academic terms or other extenuating circumstances. All requirements for pre-medical coursework are strongly advised to be completed for a letter grade.	✗	✓	✓

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USA

State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
NH	Geisel School of Medicine at Dartmouth	Biochemistry	CHEM	Required	We require one semester (3 credit hours or equivalent) of biochemistry. If you are in a trimester or quarter system, one trimester or quarter of biochemistry is sufficient as long as you have two full years of chemistry coursework including organic chemistry and biochemistry.	3	✗	● Prerequisite courses must be taken for a grade. See COVID exceptions here: https://geiselmed.dartmouth.edu/admissions/applying/faq/.	● AP credit that appears on an official college/university transcript can be used toward fulfillment of the premedical requirements.	✓	✓
		Biology	BIOL	Required	One year (8 credit hours or equivalent) of biology coursework. Any completed biology coursework from general biology to advanced biology coursework may be used to meet this requirement. We adjust our credit hour requirement to reflect how your school awards credits. Please list credit hours as they appear on your transcript. We expect completion of any lab section offered in conjunction with your biology coursework.	8	✓	● Prerequisite courses must be taken for a grade. See COVID exceptions here: https://geiselmed.dartmouth.edu/admissions/applying/faq/.	● AP credit that appears on an official college/university transcript can be used toward fulfillment of the premedical requirements.	✓	✓

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USA

State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
NH	Geisel School of Medicine at Dartmouth	Chemistry	CHEM	Required	One and a half years (12 credit hours or equivalent) of chemistry coursework. One semester (4 credit hours or equivalent) of this must be organic chemistry. For the other one year (8 credit hours or equivalent) you can use any chemistry courses you have completed from general chemistry to advanced chemistry coursework. This is in addition to the required biochemistry course. For students on a quarter or trimester system, one quarter or trimester will meet the requirement if you have 16 credit hours (or equivalent) of chemistry coursework overall. We adjust our credit hour requirement to reflect how your school awards credits. Please list credit hours as they appear on your transcript. We expect completion of any lab section offered in conjunction with your chemistry coursework.	12	✓	Prerequisite courses must be taken for a grade. See COVID exceptions here: https://geiselmed.dartmouth.edu/admissions/applying/faq/.	AP credit that appears on an official college/university transcript can be used toward fulfillment of the premedical requirements.	✓	✓
		Mathematics	MATH	Required	One half-year (3 credit hours or equivalent) of college-level mathematics, including either calculus or statistics. We adjust our credit hour requirement to reflect how your school awards credits. Please list credit hours as they appear on your transcript.	3	✗	Prerequisite courses must be taken for a grade. See COVID exceptions here: https://geiselmed.dartmouth.edu/admissions/applying/faq/.	AP credit that appears on an official college/university transcript can be used toward fulfillment of the premedical requirements.	✓	✓

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USA

State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
NH	Geisel School of Medicine at Dartmouth	Physics	PHYS	Required	One year (8 credit hours or equivalent) of physics coursework. Any completed physics coursework may be used to meet this requirement. We adjust our credit hour requirement to reflect how your school awards credits. Please list credit hours as they appear on your transcript. We expect completion of any lab section offered in conjunction with your physics coursework.	8	✓	● Prerequisite courses must be taken for a grade. See COVID exceptions here: https://geiselmed.dartmouth.edu/admissions/applying/faq/.	● AP credit that appears on an official college/university transcript can be used toward fulfillment of the premedical requirements.	✓	✓
NJ	Cooper Medical School of Rowan University	Biochemistry	CHEM	Recommended			✗	✗	✗	✗	✗
		Biology	BIOL	Required		8	✓	✗	✗	✓	✓
		Chemistry	CHEM	Required	Inorganic Chemistry is required with 8 credit hours and Organic Chemistry is recommended.		✓	✗	✗	✓	✓
		Physics	PHYS	Recommended			✓	✗	✗	✗	✗
		Psychology	BESS	Recommended			✗	✗	✗	✗	✗
		Statistics	MATH	Recommended			✗	✗	✗	✗	✗
NJ	Hackensack Meridian School of Medicine	Anatomy	BIOL	Recommended		8	✓	✓	✓	✓	✓
		Biochemistry	CHEM	Recommended	Two semesters of courses with laboratory (select from the following options): Organic Chemistry Biochemistry Physics Anatomy/Physiology Zoology Botany	4	✓	✓	✓	✓	✓
		Biology	BIOL	Required	Two semesters of General Biology course and two semesters of Biology Lab (lab may be substituted for biology courses completed with lab components)	8	✓	✓	✓	✓	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
NJ	Hackensack Meridian School of Medicine	Botany	BIOL	Recommended	Two semesters of courses with laboratory (select from the following options): Organic Chemistry, Biochemistry, Physics, Anatomy/Physiology, Zoology, Botany	3	✓	✓	✓	✓	✓
		Cell Biology	BIOL	Recommended		3	✗	✓	✓	✓	✓
		Chemistry	CHEM	Required	Two semesters of General Inorganic Chemistry course and two semesters of Chemistry Lab (may be substituted for chemistry courses completed with lab components)	8	✓	✓	✓	✓	✓
		Composition & Rhetoric	ENGL	Required		3	✗	✓	✓	✓	✓
		Ecology	BIOL	Recommended		3	✗	✓	✓	✓	✓
		Economics	BESS	Recommended		3	✗	✓	✓	✓	✓
		Literature	ENGL	Required		3	✗	✓	✓	✓	✓
		Physiology	BIOL	Recommended		8	✓	✓	✓	✓	✓
		Statistics	MATH	Required	One semester of Mathematics/Science-related such as, but not limited to: Statistics, Biostatistics, Epidemiology, Genetics, Calculus	3	✗	✓	✓	✓	✓
		Zoology	BIOL	Recommended	Two semesters of courses with laboratory (select from the following options): Organic Chemistry, Biochemistry, Physics, Anatomy/Physiology, Zoology, Botany	4	✓	✓	✓	✓	✓
NJ	Rutgers New Jersey Medical School	Biochemistry	CHEM	Required	Biochemistry	3	✗	✗	✗	✗	✗
		Biology	BIOL	Required	Two semesters of General Biology	6	✓	● Only considered for online courses during the pandemic	✓	● Only considered for P/F courses during the pandemic	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
NJ	Rutgers New Jersey Medical School	Chemistry	CHEM	Required	Two semesters of General Chemistry and one semester of Organic Chemistry I	9	✓	Only considered for P/F courses during the pandemic	General Chemistry accepted as AP. Organic Chemistry not accepted as AP.	Only considered for online courses during the pandemic	General Chemistry I and II accepted from CC. Organic Chemistry I not accepted from CC.
		Creative Writing	ENGL	Required		3	✗	✗	✗	✗	✗
		Mathematics	MATH	Required		3	✗	Only considered for P/F courses during the pandemic	✓	Only considered for online courses during the pandemic	✓
		Physical Chemistry	CHEM	Required	Organic chemistry	3	✓	✗	✗	✗	✗
		Physics	PHYS	Required	Two semesters of Physics	6	✓	Only considered for P/F courses during the pandemic	✓	Only considered for online courses during the pandemic	✗
		Psychology	BESS	Recommended	Psychology and/or Sociology		✗	✗	✗	✗	✗
		Sociology	BESS	Recommended	Psychology and/or Sociology		✗	✗	✗	✗	✗
NJ	Rutgers, Robert Wood Johnson Medical School	Biochemistry	CHEM	Required	One semester of biochemistry is required. This can be from your university's biology department.	3	✗	✗	✗	✓	✗

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
NJ	Rutgers, Robert Wood Johnson Medical School	Biology	BIOL	Required	A general biology course with lab is required though the name differ by university. Students can use AP credit.	8	✓	● If the academic program at your college requires all first-semester coursework to be taken as pass/fail, we will accept the courses taken in that semester.	✓	✓	✓
		Chemistry	CHEM	Required	Two general chemistry courses plus labs (inorganic chemistry or other names) are required. This can be substituted with AP credit or taken at a community college or online. Additionally, we require an Organic chemistry I plus lab course. We require that organic chemistry be taken in person at your four-year college. AP will not count towards the organic chemistry requirement. Please contact the admissions options for consideration of other approaches.	12	✓	● If the academic program at your college requires all first-semester coursework to be taken as pass/fail, we will accept the courses taken in that semester.	✓	✓	✓
		Composition & Rhetoric	ENGL	Required	We require a year of writing intensive coursework. This can be an English department course or any other department such as philosophy or other.	6	✗	✓	✓	✓	✓
		Mathematics	MATH	Required	We do allow a biostatistics or any level mathematics course to count towards this requirement.	3	✗	✓	✓	✓	✓
		Physics	PHYS	Required	We require Physics 1 with lab or the academic equivalent.	4	✓	✓	✓	✓	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
NM	University of New Mexico School of Medicine	Biochemistry	CHEM	Required	Applicants must take one semester or two quarters of Biochemistry. Course must be at the 300 or 400 level.	3	✗	Permitted only for Spring 2020 – Spring 2022 semesters	✗	We permit online lectures/labs taken from Spring 2020 - Spring 2023. Outside of these semesters, no more than two prerequisite lectures may be taken online, and all labs must be completed in person.	✗
		Biology	BIOL	Required	Applicants must take two semesters or three quarters of human-based Biology courses with a corresponding lab. Examples include, but are not limited to, Cell and Molecular Biology, Genetics, Microbiology, and Anatomy and Physiology.	8	✓	Permitted only for Spring 2020 – Spring 2022 semesters	Accepted ONLY if college credit was granted by the institute.	We permit online lectures/labs taken from Spring 2020 - Spring 2023. Outside of these semesters, no more than two prerequisite lectures may be taken online, and all labs must be completed in person.	✓
		Chemistry	CHEM	Required	Applicants must take two semesters or three quarters of General Chemistry 1 and 2 with a corresponding lab.	8	✓				✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
NM	University of New Mexico School of Medicine							Permitted only for Spring 2020 – Spring 2022 semesters	Accepted ONLY if college credit was granted by the institute.	We permit online lectures/labs taken from Spring 2020 - Spring 2023. Outside of these semesters, no more than two prerequisite lectures may be taken online, and all labs must be completed in person.	
		Organic Chemistry	CHEM	Required	Applicants must take two semesters or three quarters of Organic Chemistry 1 and 2 with a corresponding lab.	8	✓	Permitted only for Spring 2020 – Spring 2022 semesters.	Accepted ONLY if college credit was granted by the institute.	We permit online lectures/labs taken from Spring 2020 - Spring 2023. Outside of these semesters, no more than two prerequisite lectures may be taken online, and all labs must be completed in person.	✓
		Physics	PHYS	Required	Applicants must take two semesters or three quarters of General Physics 1 and 2. Algebra or Calculus-based Physics is preferred.	6	✗				✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
NM	University of New Mexico School of Medicine							Permitted only for Spring 2020 – Spring 2022 semesters.	Accepted ONLY if college credit was granted by the institute.	We permit online lectures/labs taken from Spring 2020 - Spring 2023. Outside of these semesters, no more than two prerequisite lectures may be taken online, and all labs must be completed in person.	
		Psychology	BESS	Recommended		3	✗	✓	✓	✓	✓
		Sociology	BESS	Recommended		3	✗	✓	✓	✓	✓
NV	Kirk Kerkorian School of Medicine at UNLV	Biochemistry	CHEM	Required	Choose any College/University level 100 or higher Biochemistry, preferably one that has General Chemistry and/or Organic Chemistry as a pre-req. *Some restrictions may apply, please see our website for details.	3	✗	● P/F only accepted for any semester or quarter during the pandemic years of 2020 and 2021.	✗	✓	✓
		Biology	BIOL	Required	Choose any College/University level 100 and higher biology, preferably human over plant or animal. The entire requirement is 3 biology courses, 1 must have a lab. *Some restrictions may apply, please see our website for details.	10	✓	● P/F only accepted for any semester or quarter during the pandemic years of 2020 and 2021.	✗	✓	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
NV	Kirk Kerkorian School of Medicine at UNLV	Psychology	BESS	Required	Behavioral Science, preferably Psychology but Sociology also accepted. College/University level 100 or higher. *Some restrictions may apply, please see our website for details.	3	✗	● P/F only accepted for any semester or quarter during the pandemic years of 2020 and 2021.	✗	✓	✓
NV	Roseman University College of Medicine	Anthropology	BESS	Required	Two semesters of humanities courses are required. An Anthropology may satisfied the requirement, but other courses may also be eligible	6	✗	✗	✓	✓	✓
		Biochemistry	CHEM	Required	1 Semester of Biochemistry	3	✗	✗	✓	✓	✓
		Biology	BIOL	Required	Two semesters of biology	6	✗	✗	✓	✓	✓
		Inorganic Chemistry	CHEM	Required	2 Semesters of Inorganic Chemistry are required.	6	✗	✗	✓	✓	✓
		Sociology	BESS	Required	One semester of a Social Science course is required. Sociology may count for the requirement, but other courses may also be eligible	3	✗	✗	✓	✓	✓
		Statistics	MATH	Required	1 Semester of Statistics	3	✗	✗	✓	✓	✓
NV	University of Nevada, Reno School of Medicine	Biochemistry	CHEM	Required		3	✓	● If taken during COVID and was mandatory by the Institution. Also can supply us with the written Policy	✓	✓	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
NV	University of Nevada, Reno School of Medicine	Biology	BIOL	Required	2 Credits must be labs and 6 must be Upper Division	15	✓	If taken during COVID and was mandatory by the Institution. Also can supply us with the written Policy	✓	✓	✓
		Chemistry	CHEM	Required	2 Credits must be upper division	8	✓	If taken during COVID and was mandatory by the Institution. Also can supply us with the written Policy	✓	✓	✓
		Physical Chemistry	CHEM	Required	8 Credits Organic Chemistry, 2 must be Labs	8	✓	If taken during COVID and was mandatory by the Institution. Also can supply us with the written Policy	✓	✓	✓
		Physics	PHYS	Required	2 Credits	8	✓	If taken during COVID and was mandatory by the Institution. Also can supply us with the written Policy	✓	✓	✓

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NV	University of Nevada, Reno School of Medicine	Psychology	BESS	Required	Psychology or Sociology	3	✓	● If taken during COVID and was mandatory by the Institution. Also can supply us with the written Policy	✓	✓	✓
NY	Albany Medical College	Biology	BIOL	Required	Albany Medical College requires successful completion of two semesters of Biology with related laboratory experience. Examples of biology courses include molecular biology, genetics, cell biology/cell physiology, neuroscience, virology, and anatomy, although applicants are not required to take courses with these specific titles	8	✓	✗	✓	● Prerequisite courses taken online between Spring 2020 and Spring 2021 are acceptable.	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
NY	Albany Medical College	Chemistry	CHEM	Required	Albany Medical College requires successful completion of two semesters of Inorganic Chemistry AND two semesters of Organic Chemistry with related laboratory experience in each course. Inorganic Chemistry: Examples of inorganic chemistry courses include introductory inorganic chemistry, structure and bonding, principles of chemistry, solid state chemistry, physical chemistry, and chemical synthesis. Organic Chemistry: The organic chemistry requirement can be fulfilled with either two semesters of organic chemistry with related lab or one semester of organic chemistry and one semester of biochemistry (taken through the chemistry department) with related lab.	16	✓	✗	✓	● Prerequisite courses taken online between Spring 2020 and Spring 2021 are acceptable.	✓
		Physics	PHYS	Required	Albany Medical College requires successful completion of two semesters of Physics with related laboratory experience.	8	✓	✗	✓	● Prerequisite courses taken online between Spring 2020 and Spring 2021 are acceptable.	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
NY	Albert Einstein College of Medicine	Biochemistry	CHEM	Recommended		3	✓	✗	✓	● The record will be reviewed individually.	● The record will be reviewed individually. It is recommended that the basic science courses not be taken at a community college.
		Biology	BIOL	Recommended		8	✓	✗	✓	● If taken during the COVID 19 Pandemic	● If the majority of the basic science courses were taken at a 4 year college, then one year of basic biology may be taken at a community college.
		Cell Biology	BIOL	Recommended		4	✗	✗	✓	● The record will be reviewed individually. It is recommended that the basic science courses not be taken online.	● The record will be reviewed individually. It is recommended that the basic science courses not be taken at a community college.
		Chemistry	CHEM	Recommended	One year of basic chemistry.	8	✓	✗	✓	●	●

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
NY	Albert Einstein College of Medicine									The record will be reviewed individually.	The record will be reviewed individually. It is recommended that the basic science courses not be taken at a community college.
		Genetics	BIOL	Recommended		3	✗	✗	✓	● The record will be reviewed individually.	● The record will be reviewed individually. It is recommended that the basic science courses not be taken at a community college.
		Literature	ENGL	Recommended	One year of English as selected by the applicant.	6	✗	✗	✓	● The record will be reviewed individually.	✓
		Mathematics	MATH	Recommended	One year of mathematics. Computer Science or Statistics may be substituted unless application is made to the MD/PhD program in which case calculus is required.	6	✗	✗	✓	● The record will be reviewed individually.	● The record will be reviewed individually. It is recommended that mathematics not be taken at a community college.

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NY	Albert Einstein College of Medicine	Physics	PHYS	Recommended	One year of basic physics	8	✓	✗	✓	● The record will be reviewed individually.	● The record will be reviewed individually. It is recommended that the basic science courses not be taken at a community college.
		Psychology	BESS	Recommended	Any course work in the behavioral and social sciences is acceptable.	6	✗	✓	✓	✓	✓
NY	Columbia University Vagelos College of Physicians and Surgeons	Biochemistry	CHEM	Required	One semester of Biochemistry, lab recommended but not required		✗	● We accept Pass/Fail grades for prerequisite courses taken at schools that decided to go Pass/Fail for the 2020 academic calendar and, Spring/Summer 2021 semesters.	✗	● We accept online courses for the 2020 academic calendar and, Spring/Summer 2021 semesters.	✓

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NY	Columbia University Vagelos College of Physicians and Surgeons	Biology	BIOL	Required	One year of Biology with labs. For applicants whose undergraduate college accepted Advanced Placement (AP) credit to satisfy the requirement, we require one year of advanced study. This additional year must include at least one semester of the lab and two semesters are recommended.		✓	● We accept Pass/Fail grades for prerequisite courses taken at schools that decided to go Pass/Fail for the 2020 academic calendar and, Spring/Summer 2021 semesters.	✓	● We accept online courses for the 2020 academic calendar and, Spring/Summer 2021 semesters.	✓
		Chemistry	CHEM	Required	One year of general chemistry with lab. For applicants whose undergraduate college accepted Advanced Placement (AP) credit to satisfy the requirement in introductory-level Chemistry, no additional upper-level Chemistry is required beyond Organic Chemistry.		✓	● We accept Pass/Fail grades for prerequisite courses taken at schools that decided to go Pass/Fail for the 2020 academic calendar and, Spring/Summer 2021 semesters.	✓	● We accept online courses for the 2020 academic calendar and, Spring/Summer 2021 semesters.	✓
		Literature	ENGL	Required	One year of English or other writing-intensive courses.		✗	●	✓	●	✓

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NY	Columbia University Vagelos College of Physicians and Surgeons							We accept Pass/Fail grades for prerequisite courses taken at schools that decided to go Pass/Fail for the 2020 academic calendar and, Spring/Summer 2021 semesters.		We accept online courses for the 2020 academic calendar and, Spring/Summer 2021 semesters.	
		Organic Chemistry	CHEM	Required	One year of organic chemistry with lab		✓	● We accept Pass/Fail grades for prerequisite courses taken at schools that decided to go Pass/Fail for the 2020 academic calendar and, Spring/Summer 2021	✗	● We accept online courses will be accepted during the 2020 academic calendar and Spring/Summer 2021 semesters.	✓
		Physics	PHYS	Required	One year of Physics with one semester of the lab. For applicants whose undergraduate college accepted Advanced Placement (AP) credit to satisfy the requirement in introductory-level Physics, no additonal Physics coursework is required.		✓	● We accept Pass/Fail grades for prerequisite courses taken at schools that decided to go Pass/Fail for the 2020 academic calendar and, Spring/Summer 2021 semesters.	✓	● We accept online courses for the 2020 academic calendar and, Spring/Summer 2021 semesters.	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
NY	Donald and Barbara Zucker School of Medicine at Hofstra/Northwell	Biochemistry	CHEM	Recommended		4	✓	✗	✗	✗	● We will accept CC credits if enrolled at CC full time (e.g., 1st year & transferred to a 4 yr school) but not if as summer or replacement course if currently matriculated in a 4 year BA/BS program.
		Biology	BIOL	Recommended		8	✓	✗	✗	✗	● We will accept CC credits if enrolled at CC full time (e.g., 1st year & transferred to a 4 yr school) but not if as summer or replacement course if currently matriculated in a 4 year BA/BS program.
		Calculus	MATH	Recommended		3	✗	✗	✗	✓	✓
		Chemistry	CHEM	Recommended	Inorganic Chem I and II (8 credit hours) Organic Chem I and II (8 credit hours)	16	✓	✗	✗	✗	●

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: Yes : No : Case-by-Case

USA

State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
NY	Donald and Barbara Zucker School of Medicine at Hofstra/Northwell										We will accept CC credits if enrolled at CC full time (e.g., 1st year & transferred to a 4 yr school) but not if as summer or replacement course if currently matriculated in a 4 year BA/BS program.
		Composition & Rhetoric	ENGL	Recommended		6	✗	✗	✗	✗	✓
		Genetics	BIOL	Recommended		3	✗	✗	✗	✓	● We will accept CC credits if enrolled at CC full time (e.g., 1st year & transferred to a 4 yr school) but not if as summer or replacement course if currently matriculated in a 4 year BA/BS program.
		Inorganic Chemistry	CHEM	Recommended		8	✓	✗	✗	✗	●

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
NY	Donald and Barbara Zucker School of Medicine at Hofstra/Northwell										We will accept CC credits if enrolled at CC full time (e.g., 1st year & transferred to a 4 yr school) but not if as summer or replacement course if currently matriculated in a 4 year BA/BS program.
		Mathematics	MATH	Recommended		3	✗	✗	✗	✓	✓
		Organic Chemistry	CHEM	Recommended		8	✓	✗	✗	✗	● We will accept CC credits if enrolled at CC full time (e.g., 1st year & transferred to a 4 yr school) but not if as summer or replacement course if currently matriculated in a 4 year BA/BS program.
		Physics	PHYS	Recommended		8	✓	✗	✗	✗	●

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USA

State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
NY	Donald and Barbara Zucker School of Medicine at Hofstra/Northwell										We will accept CC credits if enrolled at CC full time (e.g., 1st year & transferred to a 4 yr school) but not if as summer or replacement course if currently matriculated in a 4 year BA/BS program.
		Psychology	BESS	Recommended			✗	✗	✓	✓	✓
		Sociology	BESS	Recommended			✗	✗	✓	✓	✓
		Statistics	MATH	Recommended		3	✗	✗	✗	✗	✓
		Zoology	BIOL	Recommended			✗	✗	✗	✗	● We will accept CC credits if enrolled at CC full time (e.g., 1st year & transferred to a 4 yr school) but not if as summer or replacement course if currently matriculated in a 4 year BA/BS program.

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USA

State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
NY	Icahn School of Medicine at Mount Sinai	Biochemistry	CHEM	Required	One semester required.		✗	Pre-requisite courses taken pass/fail are considered case-by-case. Higher-level courses for a letter grade are strongly preferred.	✗	Pre-requisite courses taken online are considered case-by-case. Higher-level in-person courses at a four-year institution are strongly preferred.	Pre-requisite courses from community colleges are considered case-by-case. If taken at a community college, higher-level in-person courses at a four-year institution are strongly preferred.
		Biology	BIOL	Required	One academic year required.		✓	Pre-requisite courses taken pass/fail are considered case-by-case. Higher-level courses for a letter grade are strongly preferred.	If placed out with AP credit, higher level Biology courses are required.	Pre-requisite courses taken online are considered case-by-case. Higher-level in-person courses at a four-year institution are strongly preferred.	Pre-requisite courses from community colleges are considered case-by-case. If taken at a community college, higher-level in-person courses at a four-year institution are strongly preferred.
		Chemistry	CHEM	Required	One academic year of General Chemistry required along with a semester of Organic Chemistry and a semester of Biochemistry.		✓				

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USA

State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
NY	Icahn School of Medicine at Mount Sinai							Pre-requisite courses taken pass/fail are considered case-by-case. Higher-level courses for a letter grade are strongly preferred.	If placed out with AP credit, higher level Chemistry courses are required.	Pre-requisite courses taken online are considered case-by-case. Higher-level in-person courses at a four-year institution are strongly preferred.	Pre-requisite courses from community colleges are considered case-by-case. If taken at a community college, higher-level in-person courses at a four-year institution are strongly preferred.
		Composition & Rhetoric	ENGL	Required	One academic year of English intensive writing courses			Pre-requisite courses taken pass/fail are considered case-by-case. Higher-level courses for a letter grade are strongly preferred.		Pre-requisite courses taken online are considered case-by-case. Higher-level in-person courses at a four-year institution are strongly preferred.	Pre-requisite courses from community colleges are considered case-by-case. If taken at a community college, higher-level in-person courses at a four-year institution are strongly preferred.
		Physics	PHYS	Required	One semester. Can be satisfied with score of 5 on AP exam.						

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USA

State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
NY	Icahn School of Medicine at Mount Sinai							Pre-requisite courses taken pass/fail are considered case-by-case. Higher-level courses for a letter grade are strongly preferred.		Pre-requisite courses taken online are considered case-by-case. Higher-level in-person courses at a four-year institution are strongly preferred.	Pre-requisite courses from community colleges are considered case-by-case. If taken at a community college, higher-level in-person courses at a four-year institution are strongly preferred.
		Sociology	BESS	Recommended	Applicants are encouraged to complete coursework which provide exposure to social determinants of health and disparities in health care outcomes. Coursework examples include sociology, public health, political science, global health, bioethics, urban studies, history, and economics.		✗	✗	✗	✓	✓
		Statistics	MATH	Required	Biostatistics is preferred.		✗	● Pre-requisite courses taken pass/fail are considered case-by-case. Higher-level courses for a letter grade are strongly preferred.	✗	● Pre-requisite courses taken online are considered case-by-case. Higher-level in-person courses at a four-year institution are strongly preferred.	● Pre-requisite courses from community colleges are considered case-by-case. If taken at a community college, higher-level in-person courses at a four-year institution are strongly preferred.
NY	Jacobs School of Medicine and Biomedical Sciences at the University at Buffalo	Biology	BIOL	Required	2 Semesters of Biology (lab in both semesters)	8	✓	● Depending on the circumstances.	✓	✗	● Depending on the circumstances.

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USA

State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
NY	Jacobs School of Medicine and Biomedical Sciences at the University at Buffalo	Chemistry	CHEM	Required	General Chemistry I & II and Organic Chemistry I & II (lab in both semesters or one lab that is 2 credits or more). Please note, Biochemistry does not substitute for Organic Chemistry.	16	✓	● Depending on the circumstances.	✓	✗	● Depending on the circumstances.
		Literature	ENGL	Required	2 Semesters of any English or Writing Intensive Course	6	✗	● Depending on the circumstances.	✓	✗	● Depending on the circumstances.
		Physics	PHYS	Required	2 Semesters of Physics (lab optional)	6	✗	● Depending on the circumstances.	✓	✗	● Depending on the circumstances.
NY	New York Medical College	Biochemistry	CHEM	Required	1 semester with or without lab (or equivalent)	4	✓	✗	✓	✗	✓
		Biology	BIOL	Required	General Biology with Lab - 2 semesters (or equivalent)	8	✓	✗	✓	✗	✓
		Chemistry	CHEM	Required	General Chemistry with lab, 2 semesters (or equivalent) Organic Chemistry with lab, 1 semesters (or equivalent)	12	✓	✗	✓	✗	✓
		Literature	ENGL	Required	2 semesters (or equivalent or successful completion of the English requirement of your school)	8	✗	✗	✓	✗	✓
		Physics	PHYS	Required	2 semesters with lab (or equivalent)	8	✓	✗	✓	✗	✓
NY	NYU Grossman Long Island School of Medicine	Biochemistry	CHEM	Recommended			✗	✗	✓	✓	✓
		Biology	BIOL	Recommended			✓	✗	✓	✓	✓
		Biostatistics	MATH	Recommended			✗	✗	✓	✓	✓
		Cell Biology	BIOL	Recommended			✗	✗	✓	✓	✓
		Chemistry	CHEM	Recommended			✗	✗	✓	✓	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
NY	NYU Grossman Long Island School of Medicine	Creative Writing	ENGL	Recommended			✗	✗	✓	✓	✓
		Molecular Biology	BIOL	Recommended			✗	✗	✓	✓	✓
		Neuroscience	BIOL	Recommended			✗	✗	✓	✓	✓
		Physics	PHYS	Recommended			✗	✗	✓	✓	✓
		Psychology	BESS	Recommended			✗	✗	✓	✓	✓
		Sociology	BESS	Recommended			✗	✗	✓	✓	✓
NY	NYU Grossman School of Medicine	Biochemistry	CHEM	Recommended			✓	✗	✓	✓	✓
		Biology	BIOL	Recommended			✓	✗	✓	✓	✓
		Chemistry	CHEM	Recommended	Inorganic and Organic Chemistry		✓	✗	✓	✓	✓
		Composition & Rhetoric	ENGL	Recommended			✗	✗	✓	✓	✓
		Genetics	BIOL	Recommended			✗	✗	✓	✓	✓
		Mathematics	MATH	Recommended			✗	✗	✓	✓	✓
		Physics	PHYS	Recommended			✓	✗	✓	✓	✓
		Psychology	BESS	Recommended			✗	✗	✓	✓	✓
		Sociology	BESS	Recommended			✗	✗	✓	✓	✓
		Statistics	MATH	Recommended			✗	✗	✓	✓	✓
NY	Renaissance School of Medicine at Stony Brook University	Biology	BIOL	Recommended	Labs are recommended not required.	8	✓	✓	✓	✓	✓
		Chemistry	CHEM	Recommended	Labs are recommended not required.	15	✓	✓	✓	✓	✓
		Composition & Rhetoric	ENGL	Recommended		3	✗	✓	✓	✓	✓
		Physics	PHYS	Recommended	Lab is recommended not required.	4	✓	✓	✓	✓	✓
		Psychology	BESS	Recommended	Other recommended courses would be Anthropology and Sociology.	3	✗	✓	✓	✓	✓
		Statistics	MATH	Recommended		3	✗	✓	✓	✓	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
NY	State University of New York Upstate Medical University Alan and Marlene Norton College of Medicine	Anatomy	BIOL	Recommended			✓	✗	✗	✗	✗
		Biochemistry	CHEM	Required		3	✗	● We will consider on-line science pre-reqs, including those completed P/F, taken during the 2020-2021 academic years. Outside of these years, courses need to be completed in person for a letter grade.	✓	✗	✓
		Biology	BIOL	Required		6	✓	● We will consider on-line science pre-reqs, including those completed P/F, taken during the 2020-2021 academic years. Outside of these years, courses need to be completed in person for a letter grade.	✓	✗	✓
		Composition & Rhetoric	ENGL	Required		3	✗	✗	✓	✗	✓
		Inorganic Chemistry	CHEM	Required		6	✓	●	✓	✗	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
NY	State University of New York Upstate Medical University Alan and Marlene Norton College of Medicine							We will consider on-line science pre-reqs, including those completed P/F, taken during the 2020-2021 academic years. Outside of these years, courses need to be completed in person for a letter grade.			
		Literature	ENGL	Required		3	✗	✗	✓	✗	✓
		Organic Chemistry	CHEM	Required		3	✓	● We will consider on-line science pre-reqs, including those completed P/F, taken during the 2020-2021 academic years. Outside of these years, courses need to be completed in person for a letter grade.	✓	✗	✓
		Physics	PHYS	Required		6	✓	●	✓	✗	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
NY	State University of New York Upstate Medical University Alan and Marlene Norton College of Medicine							We will consider on-line science pre-reqs, including those completed P/F, taken during the 2020-2021 academic years. Outside of these years, courses need to be completed in person for a letter grade.			
		Physiology	BIOL	Recommended			✓	✗	✗	✗	✗
		Statistics	MATH	Required		3	✗	● We will consider on-line science pre-reqs, including those completed P/F, taken during the 2020-2021 academic years. Outside of these years, courses need to be completed in person for a letter grade.	✓	✗	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
NY	SUNY Downstate Health Sciences University College of Medicine	Biology	BIOL	Required	General Biology or Zoology including labs	8	✓	https://www.downstate.edu/education-training/student-services/admissions/policies.html	https://www.downstate.edu/education-training/college-of-medicine/admissions/admissions-requirements.html	https://www.downstate.edu/education-training/student-services/admissions/policies.html	✓
		Chemistry	CHEM	Required	General or Inorganic Chemistry 1 & 2 including labs* (8 credits) & Organic Chemistry 1 & 2 including labs (8 credits) *If your college/university offers an intensive one-semester general or inorganic chemistry course with lab for qualified students, and considers this equivalent to the traditional two-semester course, you may use this to satisfy our requirement for general chemistry. However, you should also take a higher level chemistry course, preferably Biochemistry. In addition, you should indicate in the prerequisite section on the Supplemental Application that the one-semester course is an advanced general or inorganic chemistry course, and upload a copy of the catalog description or a letter from the Department of Chemistry verifying this to your admissions portal. Remember to include your name and AMCAS ID on any communication with us.	16	✓	https://www.downstate.edu/education-training/student-services/admissions/policies.html	https://www.downstate.edu/education-training/college-of-medicine/admissions/admissions-requirements.html	https://www.downstate.edu/education-training/student-services/admissions/policies.html	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
NY	SUNY Downstate Health Sciences University College of Medicine	Composition & Rhetoric	ENGL	Required	In general, the Committee does not accept English courses taken abroad to fulfill the English admission requirement. Courses which have the English department prefix are accepted to fulfill the English requirement. If you have an interdisciplinary course or if your college or university accepts other courses to fulfill writing or English requirements, if accepted, please upload a scanned letter from your college stating this information to your admissions portal. Remember to include your name and AMCAS ID on any communication with us.	6	✗	✓	✓	✓	✓
		Physics	PHYS	Required		8	✓	● https://www.downstate.edu/education-training/student-services/admissions/policies.html	● https://www.downstate.edu/education-training/college-of-medicine/admissions/admissions-requirements.html	● https://www.downstate.edu/education-training/student-services/admissions/policies.html	✓
NY	University of Rochester School of Medicine and Dentistry	Biochemistry	CHEM	Required	Lab is optional, but preferred. We understand that at some institutions, the lab portion is not available to non-majors.		✗	✗	✗	✗	✓
		Biology	BIOL	Required	One year of biology with laboratory. Biochemistry or botany will not satisfy this requirement. AP credit cannot be used to satisfy this requirement. If your undergraduate college granted you credit through AP coursework, you may take upper level courses in biology with laboratory to satisfy this requirement.		✓	✗	✗	✗	✓
		Chemistry	CHEM	Required	One semester of organic chemistry with lab is required.		✓	✗	✗	✗	✓
		Genetics	BIOL	Recommended			✗	✗	✗	✗	✓
		Mathematics	MATH	Required	One semester of either calculus or statistics. AP credit can be used to meet this requirement.		✗	✗	✓	✗	✓
		Physics	PHYS	Required	One year of physics with laboratory. AP credit can be used to meet one semester of the physics requirement.		✓	✗	✓	✗	✓
		Physiology	BIOL	Recommended			✗	✗	✗	✗	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
NY	Weill Cornell Medicine	Biology	BIOL	Required	Two semesters of biology coursework and one semester of biology lab or equivalent lab experience with analysis and interpretation of data.		✓	✓	✗	✓	✓
		Chemistry	CHEM	Required	Two semesters of general chemistry and one semester of general chemistry lab or equivalent lab experience with analysis and interpretation of data.		✓	✓	✗	✓	✓
		Composition & Rhetoric	ENGL	Required	WCM requires two semesters of writing-intensive courses, each with a minimum of 10 cumulative pages of submitted material, in the humanities or social sciences (e.g., English, history, philosophy, anthropology). AP or IB credits from high school are not accepted for the writing requirement. These courses must be taught in English; the writing must be submitted in English.		✗	✓	✗	✓	✓
		Organic Chemistry	CHEM	Required	Two semesters of organic chemistry and one semester of lab or equivalent lab experience with analysis and interpretation of data. The second semester of organic chemistry may be substituted with other advanced biology or chemistry coursework. Examples include biochemistry, physical chemistry, analytic chemistry, and molecular genetics.		✓	✓	✗	✓	✓
		Physics	PHYS	Required	Two semesters of physics and one semester of physics lab or equivalent lab experience with analysis and interpretation of data.		✓	✓	✓	✓	✓
OH	Case Western Reserve University School of Medicine	Biochemistry	CHEM	Required	This course must cover metabolism	3	✗	✗	✗	✓	● we will accept on a case-by-case basis
		Chemistry	CHEM	Required	Any general chemistry course with labs (require 1 year total), and can also be fulfilled via AP.	6	✓	✗	✓	✗	● we will accept on a case-by-case basis
		Creative Writing	ENGL	Required	Any English, literature, or writing class will fulfill this requirement (it is very flexible).	3	✗	✗	✗	✓	✓
		Organic Chemistry	CHEM	Required	1 semester with laboratory		✓	✗	✗	✗	● Preferred 4 year institution

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
OH	Northeast Ohio Medical University	Biology	BIOL	Required	Two semesters of biology	6	✗	● Depends upon institutional grading policy. Check with NEOMED admission.	✓	✓	✓
		Chemistry	CHEM	Required	Organic Chemistry I & lab, Organic Chemistry II, Biochemistry (one semester, biochemistry lab not required)	10	✓	● Depends upon institutional grading policy. Check with NEOMED admission.	✓	✓	✓
		Physics	PHYS	Required	Two semesters of Physics	6	✗	● Depends upon institutional grading policy. Check with NEOMED admission.	✓	✓	✓
OH	Ohio State University College of Medicine	Anatomy	BIOL	Recommended	One semester/quarter course in anatomy recommended.		✗	● We accept Pass/Fail coursework completed during Spring 2020.	✓	● Applicants are encouraged to take the course in-person.	✓

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OH	Ohio State University College of Medicine	Anthropology	BESS	Recommended			✗	We accept Pass/Fail coursework completed during Spring 2020.	✓	Applicants are strongly encouraged to take the course in-person.	✓
		Biochemistry	CHEM	Required	One semester/quarter course in biochemistry required.	3	✗	We accept Pass/Fail coursework completed during Spring 2020.	✓	Applicants are strongly encouraged to take the course in-person.	✓
		Biology	BIOL	Required	Two semesters or three quarters required.	3	✗	We accept Pass/Fail coursework completed during Spring 2020.	✓	Applicants are strongly encouraged to take the course in-person.	✓
		Chemistry	CHEM	Required	Two semesters or three quarters that consists of a general chemistry series including laboratory work incorporating quantitative and qualitative analysis is required.	8	✓	We accept Pass/Fail coursework for Spring 2020.	✓	We accept online labs completed during Spring and Summer 2020.	✓
		Composition & Rhetoric	ENGL	Recommended	Courses that emphasize written and verbal communication. Applicants are required to demonstrate spoken, auditory, reading and writing proficiency in the English language.		✗	We accept Pass/Fail coursework completed during Spring 2020.	✓	✓	✓

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OH	Ohio State University College of Medicine	Economics	BESS	Recommended			✗	● We accept Pass/Fail coursework completed during Spring 2020.	✓	● Applicants are strongly encouraged to take the course in-person.	✓
		Literature	ENGL	Recommended	Other courses in humanities are also recommended, such as courses in art, music, drama, literature and languages		✗	● We accept Pass/Fail coursework completed during Spring 2020.	✓	✓	✓
		Organic Chemistry	CHEM	Required	Two semesters or three quarters of an organic chemistry series that includes one year of a lab experience or equivalent.	10	✓	● We accept Pass/Fail coursework for Spring 2020.	✓	● We accept online labs completed during Spring and Summer 2020.	✓
		Physics	PHYS	Required	Two semesters or three quarters with a laboratory experience is required.	8	✓	● We accept Pass/Fail coursework for Spring 2020.	✓	● We accept online labs completed during Spring and Summer 2020.	✓
		Psychology	BESS	Recommended			✗	● We accept Pass/Fail coursework completed during Spring 2020.	✓	● Applicants are strongly encouraged to take the course in-person.	✓
		Sociology	BESS	Recommended			✗	● We accept Pass/Fail coursework completed during Spring 2020.	✓	● Applicants are strongly encouraged to take the course in-person.	✓

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: Yes : No : Case-by-Case

USA

State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
OH	The University of Toledo College of Medicine and Life Sciences	Anatomy	BIOL	Recommended	RECOMMENDED: Anatomy coursework		✗	✓	✓	✓	✓
		Biochemistry	CHEM	Required	REQUIRED: One semester of Biochemistry		✗	✓	✓	✓	✓
		Biology	BIOL	Required	REQUIRED: One year of Biological Sciences		✗	✓	✓	✓	✓
		Biostatistics	MATH	Recommended	RECOMMENDED: Biostatistics		✗	✓	✓	✓	✓
		Chemistry	CHEM	Required	REQUIRED: One year of Organic Chemistry with Labs		✓	✓	✓	● With the exception of the COVID-19 impacted semesters, lab coursework should be completed in person. We will accept online lab coursework during the 2019-2020, 2020-2021, and 2021-2022 academic years.	✓
		Composition & Rhetoric	ENGL	Recommended	RECOMMENDED: English Coursework		✗	✓	✓	✓	✓
		Genetics	BIOL	Recommended	RECOMMENDED: Genetics coursework		✗	✓	✓	✓	✓
		Mathematics	MATH	Recommended	RECOMMENDED: Mathematics coursework		✗	✓	✓	✓	✓
		Microbiology	BIOL	Recommended	RECOMMENDED: Microbiology coursework		✗	✓	✓	✓	✓
		Physics	PHYS	Required	REQUIRED: One year of Physics		✗	✓	✓	✓	✓
		Physiology	BIOL	Recommended	RECOMMENDED: Physiology coursework		✗	✓	✓	✓	✓
		Psychology	BESS	Recommended	RECOMMENDED: Psychology coursework		✗	✓	✓	✓	✓
		Sociology	BESS	Recommended	RECOMMENDED: Social Science coursework		✗	✓	✓	✓	✓

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USA

State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
OH	University of Cincinnati College of Medicine	Biochemistry	CHEM	Recommended			✗	✓	✓	✓	✓
		Biology	BIOL	Recommended			✗	✓	✓	✓	✓
		Chemistry	CHEM	Recommended	Organic chemistry		✗	✓	✓	✓	✓
		Physical Chemistry	CHEM	Recommended	General Chemistry		✗	✓	✓	✓	✓
		Physics	PHYS	Recommended			✗	✓	✓	✓	✓
		Psychology	BESS	Recommended			✗	✓	✓	✓	✓
OH	Wright State University Boonshoft School of Medicine	Biochemistry	CHEM	Required	One semester or two quarters of Biochemstry is required. A biochemistry lab is not required.	3	✗	✓	● Advanced Placement (AP) courses for which course credit has been awarded by an accredited college or university, and where the credit is documented on an official transcript, will be accepted.	✓	✓

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USA

State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
OH	Wright State University Boonshoft School of Medicine	Biology	BIOL	Required	Two semesters or three-quarters of college Biology with labs are required. Online lectures are acceptable. Labs must be taken in person.	8	✓	✓	● Advanced Placement (AP) courses for which course credit has been awarded by an accredited college or university, and where the credit is documented on an official transcript, will be accepted.	✗	✓
		Chemistry	CHEM	Required	Two semesters or three quarters of College Chemistry with labs are required. Two semesters or three quarters of Organic Chemistry with labs are required. Online lectures are acceptable. Labs must be taken in person.	16	✓	✓	● Advanced Placement (AP) courses for which course credit has been awarded by an accredited college or university, and where the credit is documented on an official transcript, will be accepted.	✗	✓

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USA

State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
OH	Wright State University Boonshoft School of Medicine	Composition & Rhetoric	ENGL	Required	Two semesters or 3 quarters of college English are required. Other courses that are designated writing intensive or Writing Across the Curriculum (WAC) in a university publication or on your academic transcript are also accepted. If you wish to use additional courses that you have taken that meet this criteria please contact our office at som-admissions@wright.edu after completing your secondary application to provide documentation or a link to the university catalog that notes this designation. Syllabi are not accepted.	6	: No	: Yes	: Case-by-Case Advanced Placement (AP) courses for which course credit has been awarded by an accredited college or university, and where the credit is documented on an official transcript, will be accepted.	: Yes	: Yes
		Mathematics	MATH	Required	Two semesters or three quarters of college mathematics are required.	6	: No	: Yes	: Case-by-Case Advanced Placement (AP) courses for which course credit has been awarded by an accredited college or university, and where the credit is documented on an official transcript, will be accepted.	: Yes	: Yes

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USA

State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
OH	Wright State University Boonshoft School of Medicine	Physics	PHYS	Required	Two semesters or three quarters of College Physics with labs are required. Online lectures are acceptable. Labs must be taken in person.	8	✓	✓	● Advanced Placement (AP) courses for which course credit has been awarded by an accredited college or university, and where the credit is documented on an official transcript, will be accepted.	✗	✓
OK	University of Oklahoma College of Medicine	Biochemistry	CHEM	Recommended		3	✗	✗	✓	✓	✓
		Genetics	BIOL	Recommended		3	✗	✗	✓	✓	✓
		Physics	PHYS	Recommended	We recommend two semesters.	6	✗	✗	● We accept AP credit as long as a higher level course is taken for a letter grade of C or better.	✓	✓
		Psychology	BESS	Recommended		9	✗	✗	✓	✓	✓

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USA

State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
OK	University of Oklahoma College of Medicine	Zoology	BIOL	Recommended	We recommend one semester with lab.	3	✓	✗	✓	● https://medicine.ouhsc.edu/prospective-students/degree-programs/doctor-of-medicine-md/admissions#1249878762-prerequisites	✓
OR	Oregon Health & Science University School of Medicine	Human Anatomy	BIOL	Recommended			✓	✗	✗	✗	✗
		Physiology	BIOL	Recommended			✓	✗	✗	✗	✗
PA	Drexel University College of Medicine	Biochemistry	CHEM	Recommended			✓	✗	✓	✓	✓
		Biology	BIOL	Recommended	Behavioral and social sciences – a medical career requires an appreciation that social, cultural, and behavioral issues influence individuals and communities regarding their understanding of health and illness. Applicants may explore factors that contribute to health care policy and delivery. These issues may be addressed through course work in history, sociology, psychology, philosophy, anthropology, ethics, and economics.		✓	✗	✓	✓	✓
		Chemistry	CHEM	Recommended	Chemistry – with an emphasis on an integrated sequence that leads to the mastery of biologically relevant general chemistry, organic chemistry, and biochemistry. This competency may be met with two years of chemistry through the level of college biochemistry. Many possible course selections may be used for this recommendation.		✓	✗	✓	✓	✓
		Composition & Rhetoric	ENGL	Recommended	English literature/communication/intensive writing experience – a successful applicant must be competent to write, speak, and read the English language fluently. Proficiency in other languages is valued.		✗	✗	✓	✓	✓
		Physics	PHYS	Recommended	Physics – with an emphasis on the principles of mechanisms, kinetics, thermodynamics, wave motion, electricity and magnetism. This competency may be met with a course in college physics.		✓	✗	✓	✓	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
PA	Drexel University College of Medicine	Sociology	BESS	Recommended	Behavioral and social sciences – a medical career requires an appreciation that social, cultural, and behavioral issues influence individuals and communities regarding their understanding of health and illness. Applicants may explore factors that contribute to health care policy and delivery. These issues may be addressed through course work in history, sociology, psychology, philosophy, anthropology, ethics, and economics.		✗	✗	✓	✓	✓
		Statistics	MATH	Recommended	Statistics and probability – with emphasis on hypothesis testing, quantitative scientific reasoning analysis, and biostatistics. A course in biostatistics is one way to demonstrate proficiency in this competency. Knowledge of statistics is important for understanding the literature of science and medicine.		✗	✗	✓	✓	✓
PA	Geisinger Commonwealth School of Medicine	Biochemistry	CHEM	Recommended		4	✓	✗	✓	✗	✓
		Biochemistry	CHEM	Required	2 semesters each of organic chemistry with lab Biochemistry will not be accepted in lieu of organic chemistry.	8	✓	✗	✓	✗	✓
		Biology	BIOL	Recommended	2 semesters each of general biology with lab Upper level biology courses will be considered.	8	✓	✗	✓	✗	✓
		Chemistry	CHEM	Recommended	2 semesters each of organic chemistry with lab. Biochemistry coursework will not be accepted in lieu of organic chemistry.	8	✓	✗	✓	✗	✓
		Chemistry	CHEM	Required	2 semesters each of general chemsitry with lab	8	✓	✗	✓	✗	✓
		Physical Chemistry	CHEM	Recommended	2 semesters each of general chemistry with lab. Upper level coursework will be considered.	8	✓	✗	✓	✗	✓
		Physics	PHYS	Recommended	2 semesters each of general physics with lab Upper level physics coursework will be considered.	8	✓	✗	✓	✗	✓
		Statistics	MATH	Recommended		3	✗	✗	✓	✗	✓

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USA

State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
PA	Lewis Katz School of Medicine at Temple University	Biochemistry	CHEM	Recommended	Biochemistry	3	✗	● For coursework completed P/F during COVID	✓	● If the recommended coursework has been completed online, at a community college, through AP credits or study abroad, we prefer to see classroom-based, upper-level science coursework in that discipline	● If the recommended coursework has been completed online, at a community college, through AP credits or study abroad, we prefer to see classroom-based, upper-level science coursework in that discipline
		Biology	BIOL	Recommended	Biology 1 and 2	8	✓	● For coursework completed P/F during COVID	✓	● If the recommended coursework has been completed online, at a community college, through AP credits or study abroad, we prefer to see classroom-based, upper-level science coursework in that discipline	● If the recommended coursework has been completed online, at a community college, through AP credits or study abroad, we prefer to see classroom-based, upper-level science coursework in that discipline
		Chemistry	CHEM	Recommended	General Chemistry 1 and 2 AND Organic Chemistry 1 and 2	16	✓	●	✓	●	●

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USA

State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
PA	Lewis Katz School of Medicine at Temple University							For coursework completed P/F during COVID		If the recommended coursework has been completed online, at a community college, through AP credits or study abroad, we prefer to see classroom-based, upper-level science coursework in that discipline	If the recommended coursework has been completed online, at a community college, through AP credits or study abroad, we prefer to see classroom-based, upper-level science coursework in that discipline
		Physics	PHYS	Recommended	Physics 1 and 2	8	✓	● For coursework completed P/F during COVID	✓	● If the recommended coursework has been completed online, at a community college, through AP credits or study abroad, we prefer to see classroom-based, upper-level science coursework in that discipline	● If the recommended coursework has been completed online, at a community college, through AP credits or study abroad, we prefer to see classroom-based, upper-level science coursework in that discipline
		Psychology	BESS	Recommended		3	✗	●	✓	●	●

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USA

State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
PA	Lewis Katz School of Medicine at Temple University							For coursework completed P/F during COVID		If the recommended coursework has been completed online, at a community college, through AP credits or study abroad, we prefer to see classroom-based, upper-level science coursework in that discipline	If the recommended coursework has been completed online, at a community college, through AP credits or study abroad, we prefer to see classroom-based, upper-level science coursework in that discipline
		Sociology	BESS	Recommended		3	✗	● For coursework completed P/F during COVID	✓	● If the recommended coursework has been completed online, at a community college, through AP credits or study abroad, we prefer to see classroom-based, upper-level science coursework in that discipline	● If the recommended coursework has been completed online, at a community college, through AP credits or study abroad, we prefer to see classroom-based, upper-level science coursework in that discipline
PA	Pennsylvania State University College of Medicine	Anatomy	BIOL	Recommended	Human anatomy with lab or equivalent (1 year/2 semesters)		✓	✗	✓	● Case-by-case basis	✓
		Biochemistry	CHEM	Required	Biochemistry (1 semester)		✗	✗	✓	● Case-by-case basis	✓

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USA

State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
PA	Pennsylvania State University College of Medicine	Biology	BIOL	Required	General biology with lab (1 year/2 semesters)		✓	✗	✓	● Case-by-case basis	✓
		Chemistry	CHEM	Required	General/inorganic chemistry with lab (1 year/2 semesters)		✓	✗	✓	● Case-by-case basis	✓
		Microbiology	BIOL	Recommended	Microbiology (1 semester)		✗	✗	✓	● Case-by-case basis	✓
		Physical Chemistry	CHEM	Required	Organic chemistry with lab (1 year/2 semesters)		✓	✗	✓	● Case-by-case basis	✓
		Physics	PHYS	Required	Physics with lab (1 year/2 semesters)		✓	✗	✓	● Case-by-case basis	✓
		Physiology	BIOL	Recommended	Physiology with lab or equivalent (1 year/2 semesters)		✓	✗	✓	● Case-by-case basis	✓
		Statistics	MATH	Recommended	Statistics course (1 semester)		✗	✗	✓	● Case-by-case basis	✓
PA	Perelman School of Medicine at the University of Pennsylvania	Anatomy	BIOL	Recommended			✗	✓	✓	● Please contact the Office of Admissions for case-by-case clarification at admiss@pennmedicine.upenn.edu.	● Please contact the Office of Admissions for case-by-case clarification at admiss@pennmedicine.upenn.edu.

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USA

State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
PA	Perelman School of Medicine at the University of Pennsylvania	Anthropology	BESS	Recommended			✗	✓	✓	✓	● Please contact the Office of Admissions for case-by-case clarification at admiss@pennmedicine.upenn.edu.
		Biochemistry	CHEM	Recommended			✗	✓	✓	● Please contact the Office of Admissions for case-by-case clarification at admiss@pennmedicine.upenn.edu.	● Please contact the Office of Admissions for case-by-case clarification at admiss@pennmedicine.upenn.edu.
		Biology	BIOL	Recommended			✓	✓	✓	● Please contact the Office of Admissions for case-by-case clarification at admiss@pennmedicine.upenn.edu.	● Please contact the Office of Admissions for case-by-case clarification at admiss@pennmedicine.upenn.edu.
		Chemistry	CHEM	Recommended			✓	✓	✓	● Please contact the Office of Admissions for case-by-case clarification at admiss@pennmedicine.upenn.edu.	● Please contact the Office of Admissions for case-by-case clarification at admiss@pennmedicine.upenn.edu.

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USA

State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
PA	Perelman School of Medicine at the University of Pennsylvania	Composition & Rhetoric	ENGL	Recommended			✗	✓	✓	● Please contact the Office of Admissions for case-by-case clarification at admiss@pennmedicine.upenn.edu.	● Please contact the Office of Admissions for case-by-case clarification at admiss@pennmedicine.upenn.edu.
		Creative Writing	ENGL	Recommended			✗	✓	✓	● Please contact the Office of Admissions for case-by-case clarification at admiss@pennmedicine.upenn.edu.	● Please contact the Office of Admissions for case-by-case clarification at admiss@pennmedicine.upenn.edu.
		Economics	BESS	Recommended			✗	✓	✓	✓	● Please contact the Office of Admissions for case-by-case clarification at admiss@pennmedicine.upenn.edu.
		Family Studies	BESS	Recommended			✗	✓	✓	✓	● Please contact the Office of Admissions for case-by-case clarification at admiss@pennmedicine.upenn.edu.

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USA

State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
PA	Perelman School of Medicine at the University of Pennsylvania	Genetics	BIOL	Recommended			✗	✓	✓	● Please contact the Office of Admissions for case-by-case clarification at admiss@pennmedicine.upenn.edu.	● Please contact the Office of Admissions for case-by-case clarification at admiss@pennmedicine.upenn.edu.
		Literature	ENGL	Recommended			✗	✓	✓	● Please contact the Office of Admissions for case-by-case clarification at admiss@pennmedicine.upenn.edu.	● Please contact the Office of Admissions for case-by-case clarification at admiss@pennmedicine.upenn.edu.
		Mathematics	MATH	Recommended			✗	✓	✓	● Please contact the Office of Admissions for case-by-case clarification at admiss@pennmedicine.upenn.edu.	● Please contact the Office of Admissions for case-by-case clarification at admiss@pennmedicine.upenn.edu.
		Physical Chemistry	CHEM	Recommended			✗	✓	✓	● Please contact the Office of Admissions for case-by-case clarification at admiss@pennmedicine.upenn.edu.	● Please contact the Office of Admissions for case-by-case clarification at admiss@pennmedicine.upenn.edu.

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USA

State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
PA	Perelman School of Medicine at the University of Pennsylvania	Physics	PHYS	Recommended			✗	✓	✓	● Please contact the Office of Admissions for case-by-case clarification at admiss@pennmedicine.upenn.edu.	● Please contact the Office of Admissions for case-by-case clarification at admiss@pennmedicine.upenn.edu.
		Psychology	BESS	Recommended			✗	✓	✓	✓	● Please contact the Office of Admissions for case-by-case clarification at admiss@pennmedicine.upenn.edu.
		Sociology	BESS	Recommended			✗	✓	✓	✓	● Please contact the Office of Admissions for case-by-case clarification at admiss@pennmedicine.upenn.edu.
		Statistics	MATH	Recommended			✗	✓	✓	● Please contact the Office of Admissions for case-by-case clarification at admiss@pennmedicine.upenn.edu.	● Please contact the Office of Admissions for case-by-case clarification at admiss@pennmedicine.upenn.edu.

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
PA	Sidney Kimmel Medical College at Thomas Jefferson University	Biochemistry	CHEM	Recommended			✗	● If given a choice, a letter grade is preferred over pass/fail options.	✓	✓	✓
		Biology	BIOL	Recommended			✓	● If given a choice, a letter grade is preferred over pass/fail options.	✓	✓	✓
		Chemistry	CHEM	Recommended			✓	● If given a choice, a letter grade is preferred over pass/fail options.	✓	✓	✓
		Physical Chemistry	CHEM	Recommended			✓	● If given a choice, a letter grade is preferred over pass/fail options.	✓	✓	✓
		Physics	PHYS	Recommended			✓	● If given a choice, a letter grade is preferred over pass/fail options.	✓	✓	✓
		Statistics	MATH	Recommended			✗	● If given a choice, a letter grade is preferred over pass/fail options.	✓	✓	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
PA	University of Pittsburgh School of Medicine	Biochemistry	CHEM	Required	one half year (in addition to organic chemistry)		✗	✓	✓	✓	✓
		Biology	BIOL	Required	one full year (excluding Microbiology, Botany, Ecology, and Anatomy) with one full year lab or a single two credit lab		✓	✓	✓	✓	✓
		Chemistry	CHEM	Required	General / Inorganic Chemistry: one full year with one full year lab or a single two credit lab		✓	✓	✓	✓	✓
		Composition & Rhetoric	ENGL	Required	one full year (We will accept courses taken outside of the English department that are deemed writing intensive by your college/university and Philosophy courses to fulfill this requirement.)		✗	✓	✓	✓	✓
		Neuroscience	BIOL	Recommended	one half year.		✗	✓	✓	✓	✓
		Physical Chemistry	CHEM	Required	Organic Chemistry – one half year with one half year lab or a single credit lab; PLUS Biochemistry – one half year;		✓	✓	✓	✓	✓
		Physics	PHYS	Required	one full year with one full year lab or a single two credit lab		✓	✓	✓	✓	✓
		Physiology	BIOL	Recommended	one half year.		✗	✓	✓	✓	✓
		Psychology	BESS	Recommended	one half year.		✗	✓	✓	✓	✓
		Statistics	MATH	Required	one half year, preferably Biostatistics (excluding Calculus). (Courses with substantial biostatistics may be accepted to meet the biostatistics requirement).		✗	✓	✓	✓	✓

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: Yes : No : Case-by-Case

USA

State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
PR	Ponce Health Sciences University School of Medicine	Biology	BIOL	Required		8	✓	✗	● AP courses must appear on the college transcript with the appropriate number of credits	● We will consider online courses offered by a college level institution accredited by a US accrediting organization. However, we advise that the Admissions Committee favors courses completed in person	✓
		Chemistry	CHEM	Required	General Chemistry (8 credits) and Organic Chemistry (8 credits)	16	✓	✗	● AP courses must appear on the college transcript with the appropriate number of credits	● We will consider online courses offered by a college level institution accredited by a US accrediting organization. However, we advise that the Admissions Committee favors courses completed in person	✓
		Creative Writing	ENGL	Required	The English requisites are direct language classes (grammar or literature). For the English courses, classes from other departments described as “intensive writing” may be considered as substitutes.	3	✗	✓	✓	✓	✓

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USA

State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
PR	Ponce Health Sciences University School of Medicine	Mathematics	MATH	Required	College-Level Mathematics	6	✗	✗	✓	● We will consider online courses offered by a college level institution accredited by a US accrediting organization. However, we advise that the Admissions Committee favors courses completed in person	✓
		Physics	PHYS	Required	General Physics	8	✓	✗	● AP courses must appear on the college transcript with the appropriate number of credits	● We will consider online courses offered by a college level institution accredited by a US accrediting organization. However, we advise that the Admissions Committee favors courses completed in person	✓
		Psychology	BESS	Required	Courses in any of the following fields are accepted: Anthropology, Psychology, Sociology, Political Science, or Economics.	6	✗	✓	✓	✓	✓

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PR	San Juan Bautista School of Medicine	Anthropology	BESS	Required	This course is part of the required 9 credits in behavioral and social sciences coursework. Courses in economics or political science are also accepted	3	✗	✗	✗	✗	✗
		Biochemistry	CHEM	Recommended		3	✗	✗	✗	✗	✗
		Biology	BIOL	Required	General Biology I and II	8	✓	✗	✗	✗	✗
		Chemistry	CHEM	Required	General Chemistry I and II	8	✓	✗	✗	✗	✗
		Literature	ENGL	Required		9	✗	✗	✓	✗	✗
		Physics	PHYS	Required	General physics I and II	8	✓	✗	✗	✗	✗
		Psychology	BESS	Required	This course is part of the required 9 credits in behavioral and social sciences coursework. Courses in economics or political science are also accepted	3	✗	✗	✗	✗	✗
		Sociology	BESS	Required	This course is part of the required 9 credits in behavioral and social sciences coursework. Courses in economics or political science are also accepted	3	✗	✗	✗	✗	✗
PR	Universidad Central del Caribe School of Medicine	Anatomy	BIOL	Recommended			✗	✗	✗	✗	✓
		Anthropology	BESS	Recommended			✗	✗	✗	✗	✓
		Biochemistry	CHEM	Recommended			✗	✗	✗	✗	✓
		Biology	BIOL	Required		8	✓	✗	✗	✗	✓
		Cell Biology	BIOL	Recommended			✗	✗	✗	✗	✓
		Chemistry	CHEM	Required		8	✓	✗	✗	✗	✓
		Genetics	BIOL	Recommended			✗	✗	✗	✗	✓
		Histology	BIOL	Recommended			✗	✗	✗	✗	✓
		Mathematics	MATH	Required		6	✗	✗	✓	✗	✓
		Microbiology	BIOL	Recommended			✗	✗	✗	✗	✓
		Molecular Biology	BIOL	Recommended			✗	✗	✗	✗	✓
		Organic Chemistry	CHEM	Required		8	✓	✗	✗	✗	✓
		Physics	PHYS	Required		8	✓	✗	✗	✓	✓

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PR	Universidad Central del Caribe School of Medicine	Psychology	BESS	Recommended			✗	✗	✗	✗	✓
		Psychology	BESS	Recommended	Sociology, Anthropology, and Economics are recommended. Please contact us for more information.		✗	✗	✗	✗	✓
		Zoology	BIOL	Recommended		8	✓	✗	✗	✓	✓
PR	University of Puerto Rico School of Medicine	Biology	BIOL	Required		8	✓	✓	✓	✓	✓
		Chemistry	CHEM	Required	8-semester credits of General Chemistry and 8-semester credits of Organic Chemistry	16	✓	✓	✓	✓	✓
		Literature	ENGL	Required	The program requires 12 semester credits of English or 6 semester credits of Honors or Advanced courses with an A or B. Additionally, it requires 12 semester credits of Spanish or 6 semester credits of Honors or Advanced courses with an A or B.	24	✗	✓	✓	✓	✓
		Physics	PHYS	Required		8	✓	✓	✓	✓	✓
		Sociology	BESS	Required	Psychology, Sociology, Economics, Politics, Anthropology, and Ethics courses are accepted.	12	✗	✓	✓	✓	✓
RI	The Warren Alpert Medical School of Brown University	Biochemistry	CHEM	Required	One course in Biochemistry with lab is required.		✓	✗	✗	✗	✓
		Biology	BIOL	Required	Two courses with a grade of B or higher, covering cell biology and genetics (lab experience is highly recommended)	0	✗	✗	✗	✗	✓
		Chemistry	CHEM	Required	Two courses in general (inorganic) chemistry, one course in organic chemistry. (Biochemistry is also required and listed separately.)		✓	✗	● AP credit is accepted for General Chemistry.	✗	✓
		Composition & Rhetoric	ENGL	Recommended	While there is no specific course requirement, strong writing skills are expected. Courses that involve substantial expository writing (e.g., English, philosophy, history) can enhance writing skills.		✗	✓	✓	✓	✓
		Mathematics	MATH	Required	One course in calculus or statistics (biostatistics preferred)		✗	✗	✓	✗	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
RI	The Warren Alpert Medical School of Brown University	Physics	PHYS	Required	Two-course sequence covering mechanics, heat, electricity, optics, and radiation physics.		✗	✗	● AP work can satisfy ONE semester of the Physics requirement.	✗	✓
SC	Medical University of South Carolina College of Medicine	Anatomy	BIOL	Recommended	Online courses from an accredited college/university may be acceptable. However, formal in-person classroom instruction is preferred.		✓	✗	✓	● Online courses from an accredited college/university may be acceptable. However, formal in-person classroom instruction is preferred.	✓
		Biochemistry	CHEM	Recommended			✗	✗	✓	● Online courses from an accredited college/university may be acceptable. However, formal in-person classroom instruction is preferred.	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
SC	Medical University of South Carolina College of Medicine	Biology	BIOL	Recommended			✓	✗	✓	● Online courses from an accredited college/university may be acceptable. However, formal in-person classroom instruction is preferred.	✓
		Calculus	MATH	Recommended			✗	✗	✓	● Online courses from an accredited college/university may be acceptable. However, formal in-person classroom instruction is preferred.	✓
		Cell Biology	BIOL	Recommended			✓	✗	✓	● Online courses from an accredited college/university may be acceptable. However, formal in-person classroom instruction is preferred.	✓
		Genetics	BIOL	Recommended			✗	✗	✓	●	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
SC	Medical University of South Carolina College of Medicine									Online courses from an accredited college/university may be acceptable. However, formal in-person classroom instruction is preferred.	
		Inorganic Chemistry	CHEM	Recommended			✓	✗	✓	● Online courses from an accredited college/university may be acceptable. However, formal in-person classroom instruction is preferred.	✓
		Mathematics	MATH	Recommended			✗	✗	✓	● Online courses from an accredited college/university may be acceptable. However, formal in-person classroom instruction is preferred.	✓

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SC	Medical University of South Carolina College of Medicine	Organic Chemistry	CHEM	Recommended			✓	✗	✓	● Online courses from an accredited college/university may be acceptable. However, formal in-person classroom instruction is preferred.	✓
		Physics	PHYS	Recommended			✗	✗	✓	● Online courses from an accredited college/university may be acceptable. However, formal in-person classroom instruction is preferred.	✓
		Psychology	BESS	Recommended	Online courses from an accredited college/university may be acceptable. However, formal in-person classroom instruction is preferred.		✗	✗	✓	✓	✓
		Zoology	BIOL	Recommended			✓	✗	✓	● Online courses from an accredited college/university may be acceptable. However, formal in-person classroom instruction is preferred.	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
SC	University of South Carolina School of Medicine Columbia	Biochemistry	CHEM	Recommended	Biochemistry - at least one semester		✗	✓	✓	✓	✓
		Biology	BIOL	Recommended	General Biology - two semesters		✗	✓	✓	✓	✓
		Chemistry	CHEM	Recommended	General Chemistry - two semesters and Organic Chemistry - two semesters		✗	✓	✓	✓	✓
SC	University of South Carolina School of Medicine Greenville	Biochemistry	CHEM	Required		3	✗	✗	✗	● We encourage applicants to take all higher level science courses in-person at a 4-year undergraduate institution	● We encourage applicants to take all higher level science courses at a 4-year undergraduate institution
		Biology	BIOL	Required	If using AP or IB credit, an additional semester in advanced biology such as cell biology, genetics, physiology, or molecular biology is required.	8	✓	✗	✓	✓	✓
		Cell Biology	BIOL	Recommended	Recommended Course	4	✓	✗	✗	● We encourage all upper level science courses be taken at a 4 year in-person undergraduate institution.	● We encourage all upper level science courses be taken at a 4 year in-person undergraduate institution.
		Chemistry	CHEM	Required	General inorganic chemistry with lab + Organic chemistry with lab We do not require a second semester of organic chemistry with lab. However, you may need to take a second semester to meet your undergraduate institution's perquisite requirements for biochemistry.	12	✓	✗	✓	✓	✓

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SC	University of South Carolina School of Medicine Greenville	Genetics	BIOL	Recommended		4	✓	✗	✗	● We encourage all upper level science courses be taken at a 4 year in-person undergraduate institution.	● We encourage all upper level science courses be taken at a 4 year in-person undergraduate institution.
		Physics	PHYS	Required		4	✓	✗	✓	✓	✓
		Physiology	BIOL	Recommended		4	✓	✗	✗	● We encourage all upper level science courses be taken at a 4 year in-person undergraduate institution.	● We encourage all upper level science courses be taken at a 4 year in-person undergraduate institution.
SD	University of South Dakota, Sanford School of Medicine	Biochemistry	CHEM	Required		3	✗	● Will accept P/F for courses from schools who had switched from a grade to P/F due to the COVID Pandemic.	✗	✓	✓

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SD	University of South Dakota, Sanford School of Medicine	Biology	BIOL	Required	Two semesters of General/Introductory Biology or combination with other upper level Biology courses such as Cell Biology, Molecular Biology etc.	8	✓	● Will accept P/F for courses from schools who had switched from a grade to P/F due to the COVID Pandemic.	✓	✓	✓
		Chemistry	CHEM	Required	General Chemistry I and II & an Organic Chemistry course with lab.	12	✓	● Will accept P/F for courses from schools who had switched from a grade to P/F due to the COVID Pandemic.	✓	✓	✓
		Composition & Rhetoric	ENGL	Recommended			✗	● Will accept P/F for courses from schools who had switched from a grade to P/F due to the COVID Pandemic.	✓	✓	✓
		Genetics	BIOL	Recommended		3	✗	● Will accept P/F for courses from schools who had switched from a grade to P/F due to the COVID Pandemic.	✗	✓	✓
		Mathematics	MATH	Required	College Algebra level or higher.	3	✗	●	✓	✓	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
SD	University of South Dakota, Sanford School of Medicine							Will accept P/F for courses from schools who had switched from a grade to P/F due to the COVID Pandemic.			
		Microbiology	BIOL	Recommended		4	✓	Will accept P/F for courses from schools who had switched from a grade to P/F due to the COVID Pandemic.	✗	✓	✓
		Physics	PHYS	Required		8	✓	Will accept P/F for courses from schools who had switched from a grade to P/F due to the COVID Pandemic.	✓	✓	✓
		Physiology	BIOL	Recommended		3	✗	Will accept P/F for courses from schools who had switched from a grade to P/F due to the COVID Pandemic.	✗	✓	✓

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SD	University of South Dakota, Sanford School of Medicine	Psychology	BESS	Recommended		3	✗	Will accept P/F for courses from schools who had switched from a grade to P/F due to the COVID Pandemic.	✓	✓	✓
		Sociology	BESS	Recommended			✗	Will accept P/F for courses from schools who had switched from a grade to P/F due to the COVID Pandemic.	✓	✓	✓
		Statistics	MATH	Required		3	✗	Will accept P/F for courses from schools who had switched from a grade to P/F due to the COVID Pandemic.	✗	✓	✓
TN	East Tennessee State University James H. Quillen College of Medicine	Biochemistry	CHEM	Recommended			✓	Accepted for 19-20 and 20-21 academic years.	✓	✓	✓
		Biology	BIOL	Recommended			✓	Accepted for 19-20 and 20-21 academic years.	✓	✓	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
TN	East Tennessee State University James H. Quillen College of Medicine	Chemistry	CHEM	Recommended	Organic & Inorganic		✓	● Accepted for 19-20 and 20-21 academic years.	✓	✓	✓
		Composition & Rhetoric	ENGL	Recommended	College English		✗	● Accepted for 19-20 and 20-21 academic years.	✓	✓	✓
		Genetics	BIOL	Recommended			✓	● Accepted for 19-20 and 20-21 academic years.	✓	✓	✓
		Mathematics	MATH	Recommended	College Mathematics; Calculus		✗	● Accepted for 19-20 and 20-21 academic years.	✓	✓	✓
		Physics	PHYS	Recommended			✓	● Accepted for 19-20 and 20-21 academic years.	✓	✓	✓
		Psychology	BESS	Recommended			✗	● Accepted for 19-20 and 20-21 academic years.	✓	✓	✓
		Sociology	BESS	Recommended			✓	● Accepted for 19-20 and 20-21 academic years.	✓	✓	✓
		Zoology	BIOL	Recommended			✓	● Accepted for 19-20 and 20-21 academic years.	✓	✓	✓

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TN	Meharry Medical College	Biochemistry	CHEM	Required	One semester of Biochemistry. If course is taken at the community college level, applicant should ensure that content is directed toward students who are expected to complete further health sciences study.	3	✗	✗	✗	✗	✗
		Biology	BIOL	Required	General Biology 1 and 2 course sequence. Zoology is an acceptable substitute.	8	✓	✗	✗	✗	✗
		Chemistry	CHEM	Required	General Chemistry 1 and 2 course sequence. Inorganic Chemistry 1 and 2 are an acceptable substitute. Organic Chemistry 1 and 2 course sequence is also required.	16	✓	✗	✗	✗	✗
		Composition & Rhetoric	ENGL	Required	English 101 and 102 (or equivalent) course sequence. If applicant does not complete a graded 101 and 102 sequence (or equivalent), this prerequisite must be fulfilled with writing-intensive course from the ENGLISH discipline. Writing intensive courses from other disciplines are generally not considered.	6	✗	✗	✗	✗	✗
		Physics	PHYS	Required	General Physics 1 and 2 course sequence. Calculus-based Physics is recommended to best ensure content aligns with expectations for preparation.	8	✓	✗	✗	✗	✗
TN	Thomas F. Frist, Jr. College of Medicine at Belmont University	Biochemistry	CHEM	Required		3	✗	✓	✓	✓	✓
		Biology	BIOL	Required		8	✓	✓	✓	✓	✓
		Cell Biology	BIOL	Recommended			✓	✓	✓	✓	✓
		Chemistry	CHEM	Required	Should include 8 hours of General Chemistry and 8 hours of Organic Chemistry	16	✓	✓	✓	✓	✓
		Composition & Rhetoric	ENGL	Required	Any type of English or Writing Intense course will suffice.	6	✗	✓	✓	✓	✓
		Genetics	BIOL	Recommended			✓	✓	✓	✓	✓
		Mathematics	MATH	Required		3	✗	✓	✓	✓	✓
		Microbiology	BIOL	Recommended			✓	✓	✓	✓	✓
		Molecular Biology	BIOL	Recommended			✓	✓	✓	✓	✓
		Physics	PHYS	Required		8	✓	✓	✓	✓	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
TN	University of Tennessee Health Science Center College of Medicine	Biology	BIOL	Required	Eight semester hours in modern concepts of mammalian biology, including laboratory are required. Courses in botany do not meet this requirement. Applicants, particularly non-science majors, are strongly encouraged to pursue upper level coursework in the biological sciences beyond the minimum requirement. Such courses might include biochemistry, cell biology, comparative anatomy, embryology, general genetics, histology, immunology, mammalian physiology, microbiology or related courses.	8	✓	● We will accept pass/fail grades for courses taken during the COVID-19 pandemic.	✓	✗	✓
		Chemistry	CHEM	Required	A minimum of sixteen semester hours of chemistry is required. Eight semester hours must be in organic chemistry and another eight semester hours must be in inorganic chemistry, which may include analytical chemistry. Each of these courses must be a complete, standard, college-level course utilizing full laboratory facilities.	16	✓	● We will accept pass/fail grades for courses taken during the COVID-19 pandemic.	✓	✗	✓

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TN	University of Tennessee Health Science Center College of Medicine	Literature	ENGL	Required	Facility in the use of both oral and written English is considered highly essential to the successful study of medicine. Introductory freshman English (six semester hours) will meet the admission requirement. Students who qualify for advanced placement credit in English will not be required to take additional English courses, although such students are encouraged to do so.	6	✗	● We will accept pass/fail grades for courses taken during the COVID-19 pandemic.	✓	✗	✓
		Physics	PHYS	Required	Acceptable courses in physics must include laboratory credits and must adequately cover mechanics, heat, light, sound, electricity, and magnetism. Survey types of courses will not satisfy this requirement.	8	✓	● We will accept pass/fail grades for courses taken during the COVID-19 pandemic.	✓	● Select online physics coursework may be considered, provided that it includes a lab and adequately covers mechanics, heat, light, sound, electricity, and magnetism.	✓
TN	Vanderbilt University School of Medicine	Biology	BIOL	Recommended	We do not require or recommend a class in "biology" only. If there is another course that you have taken that fits our recommended content, we are comfortable with that: https://medschool.vanderbilt.edu/md-admissions/admission-requirements/		✓	✗	✓	✓	✓

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USA

State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
TN	Vanderbilt University School of Medicine	Chemistry	CHEM	Recommended	We do not require or recommend a class in "chemistry" only. If there is another course that you have taken that fits our recommended content, we are comfortable with that: https://medschool.vanderbilt.edu/md-admissions/admission-requirements/		✓	✗	✓	✓	✓
		Physics	PHYS	Recommended	We do not require or recommend a class in "physics" only. If there is another course that you have taken that fits our recommended content, we are comfortable with that: https://medschool.vanderbilt.edu/md-admissions/admission-requirements/		✓	✗	✓	✓	✓
		Psychology	BESS	Recommended	We do not require or recommend a class in "psychology" or "sociology" only. If there is another course that you have taken that fits our recommended content, we are comfortable with that: https://medschool.vanderbilt.edu/md-admissions/admission-requirements/		✗	✗	✓	✓	✓
		Statistics	MATH	Recommended	We do not require or recommend a class in "statistics" only. If there is another course that you have taken that fits our recommended content, we are comfortable with that: https://medschool.vanderbilt.edu/md-admissions/admission-requirements/		✗	✗	✓	✓	✓
TX	Anne Burnett Marion School of Medicine at TCU	Anthropology	BESS	Required	The student should know the broad issues of basic societal, psychological and social principles that ultimately contribute to patient care. These topics are typically fulfilled from general education course requirements in undergraduate studies. These topics are typically fulfilled from coursework in, but not limited to Psychology, Cultural Anthropology, Sociology, Economics, Healthcare Administration, Public Policy, Public Health, Family Studies, History, Political Science, Social Work and Behavioral Health.	6	✗	✓	✓	✓	✓
		Biochemistry	CHEM	Required	The student should know the structure and function of amino acids, proteins and enzymes; enzyme kinetics; structure and function of nucleotides and nucleic acids; principles of bioenergetics and metabolism, including anabolic and catabolic processes for the metabolism of glucose, lipids and amino acids; principles of biosignaling and oxidative phosphorylation.	3	✗	✓	✓	✓	✓

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USA

State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
TX	Anne Burnett Marion School of Medicine at TCU	Composition & Rhetoric	ENGL	Required	The student should know the importance of effective writing skills, use of rhetorical strategies in development of ideas, mastery of basic scholarly conventions, and application of critical thinking skills, writing analysis and argument. This topic is typically fulfilled from general education course requirements in undergraduate studies.	3	✗	✓	✓	✓	✓
		Statistics	MATH	Required	The student should know the importance of data, theory and methods to address real-world problems, understands fundamental concepts of methods of statistics, including descriptive and inferential statistics in research, basic and intermediate concepts for testing, statistical hypotheses, construction of interpretation of confidence intervals, applying selected parametric and nonparametric techniques, and related multivariate analyses.	3	✗	✓	✓	✓	✓
TX	Baylor College of Medicine	Biochemistry	CHEM	Required	Biochemistry (3-4 semester hours) - lab is NOT required	3	✗	● We will be flexible in our consideration of coursework taken online in the Spring 2020 semester. Baylor will accept pass/fail grading for prerequisites courses taken in Spring 2020.	✗	✓	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
TX	Baylor College of Medicine	Biology	BIOL	Required	Advanced Biology (3-4 semester hours) - lab is NOT required. HIGHLY RECOMMENDED: genetics, cell/molecular biology	3	✗	● We will be flexible in our consideration of coursework taken online in the Spring 2020 semester. Baylor will accept pass/fail grading for prerequisites courses taken in Spring 2020.	✗	✓	✓
		Chemistry	CHEM	Required	Organic Chemistry - (2 semesters; 6-8 semester hours) - lab is NOT required	6	✗	● We will be flexible in our consideration of coursework taken online in the Spring 2020 semester. Baylor will accept pass/fail grading for prerequisites courses taken in Spring 2020.	✗	✓	✓
		Creative Writing	ENGL	Required	The expository writing requirement may be accomplished through coursework in a number of disciplines that require intensive writing. Examples include formal courses in English, Philosophy, History, Public Policy, Political Science or Religion. This requirement also may be accomplished through an Honors Thesis, writing-intensive upper division science course or completion of a major research paper.	3	✗	●	✗	✓	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
TX	Baylor College of Medicine							We will be flexible in our consideration of coursework taken online in the Spring 2020 semester. Baylor will accept pass/fail grading for prerequisites courses taken in Spring 2020.			
		Mathematics	MATH	Required	Biostatistics (preferred), but any course with quantitative math. Examples: statistics, physics, calculus	3		We will be flexible in our consideration of coursework taken online in the Spring 2020 semester. Baylor will accept pass/fail grading for prerequisites courses taken in Spring 2020.			
		Psychology	BESS	Required	Humanities-Social/Behavioral Sciences (12 semester hours) Examples: psychology, sociology, anthropology, foreign languages, ethics, philosophy, theology, literature, art history	12					

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USA

State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
TX	Baylor College of Medicine							We will be flexible in our consideration of coursework taken online in the Spring 2020 semester. Baylor will accept pass/fail grading for prerequisites courses taken in Spring 2020.			
		Sociology	BESS	Required	Humanities-Social/Behavioral Sciences (12 semester hours) Examples: psychology, sociology, anthropology, foreign languages, ethics, philosophy, theology, literature, art history	12		We will be flexible in our consideration of coursework taken online in the Spring 2020 semester. Baylor will accept pass/fail grading for prerequisites courses taken in Spring 2020.			

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USA

State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
TX	McGovern Medical School at the University of Texas Health Science Center at Houston	Biology	BIOL	Required	12 semester hours of lecture & 2 semester hours of formal lab. Includes all biology courses applied toward baccalaureate degree in a traditional science field. Courses for nonscience majors or courses taught for health career majors are not accepted.	14	✓	✗	● We will accept AP credit as long as each course and hours granted on your official undergraduat e transcript.	✓	✓
		Chemistry	CHEM	Required	6 semester hours of General Chemistry lecture & 2 hours of lab. 6 semester hours of Organic Chemistry lecture & 2 hours of lab. Courses must be applicable toward a baccalaureate degree in a traditional science field regardless of student's major. Courses for nonscience majors or health career majors are not accepted.	16	✓	✗	● We will accept AP credit as long as each course and hours granted on your official undergraduat e transcript.	✓	✓
		Composition & Rhetoric	ENGL	Required	6 Semester hours of English. Any course approved by an English Department that fulfills general education English requirement of a baccalaureate degree. Remedial or developmental courses or "English as a Second Language" courses are not accepted.	6	✗	✗	●	✓	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
TX	McGovern Medical School at the University of Texas Health Science Center at Houston								We will accept AP credit as long as each course and hours granted on your official undergraduat e transcript.		
		Physics	PHYS	Required	6 semester hours of lecture & 2 hours of lab Includes all physics courses applied toward baccalaureate degree in any traditional science field. Courses for nonscience majors or health career majors are not accepted.	8	✓	✗	● We will accept AP credit as long as each course and hours granted on your official undergraduat e transcript.	✓	✓
TX	Texas A&M University School of Medicine	Biochemistry	CHEM	Required	Biochemistry I. Rigorous treatment of the structure, function and chemistry of proteins and carbohydrates; kinetics, mechanisms and regulation of enzymes; metabolism of carbohydrates	3	✗	✗	✗	✗	✗
		Biology	BIOL	Required	Introductory Biology I. First half of an introductory two-semester survey of contemporary biology that covers the chemical basis of life, structure and biology of the cell, molecular biology and genetics; includes laboratory that reinforces and provides supplemental information related to the lecture topics. Introductory Biology II. The second half of an introductory two-semester survey of contemporary biology that covers evolution, history of life, diversity and form and function of organisms; includes laboratory that reinforces and provides supplemental information related to the lecture topics.	8	✓	✗	✓	✗	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
TX	Texas A&M University School of Medicine	Chemistry	CHEM	Required	Fundamentals of Chemistry I. Introduction to modern theories of atomic structure and chemical bonding; chemical reactions; stoichiometry; states of matter; solutions; equilibrium; acids and bases; coordination chemistry ; methods and techniques of chemical experimentation; qualitative and semiquantitative procedures applied to investigative situations. Fundamentals of Chemistry II. Theory and applications of oxidation-reductions systems; thermodynamics and kinetics; complex equilibria and solubility product; nuclear chemistry; descriptive inorganic and organic chemistry; introduction to analytical and synthetic methods and to quantitative techniques to both inorganic and organic compounds with emphasis on an investigative approach.	8	✓	✗	✓	✗	✓
		Composition & Rhetoric	ENGL	Required	Part I - Introduction to Rhetoric and Composition. Intensive study of and practice in writing processes, from invention and researching to drafting, revising and editing, both individually and corroboratively; emphasis on effective rhetorical choices including audience, purpose, arrangement and style; focus on writing the academic essay as a vehicle for learning, communicating and critical analysis. Part II - Composition and Rhetoric. Focus on referential and persuasive researched essays through the development of analytical reading ability, critical thinking and library research skills.	6	✗	✗	✓	✗	✓
		Physics	PHYS	Required	College Physics I. Fundamentals of classical mechanics, heat, and sound. College Physics. College PHYS II. Fundamentals of classical electricity and light; introduction to contemporary physics.	8	✓	✗	✓	✗	✓
		Statistics	MATH	Required	Principles of Statistics I - Introduction to probability and probability distributions; sampling and descriptive measures; inference and hypothesis testing; linear regression, analysis of variance.	3	✗	✗	✓	✗	✓
TX	Texas Tech University Health Sciences Center Paul L. Foster School of Medicine	Anthropology	BESS	Recommended	Anthropology, Psychology	12	✗	✗	✓	✓	✓
		Biochemistry	CHEM	Required	AP credit is only accepted if the school granting the credit lists the specific courses and number of units granted per course on an official transcript.	3	✗	✗	✓	✓	✗

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TX	Texas Tech University Health Sciences Center Paul L. Foster School of Medicine	Biology	BIOL	Required	Courses taught in the departments of an undergraduate institutions typically regarded as biological in nature. The 14 hrs. include 2 hrs. of lab. AP credit is only accepted if the school granting the credit lists the specific courses and number of units granted per course on an official transcript.	14	✓	✗	✓	✓	✓
		Chemistry	CHEM	Required	Courses taught in the chemistry, organic chemistry, and/or biochemistry departments of an undergraduate institution. The 8 hrs. include 2 hrs. of lab. AP credit is only accepted if the school granting the credit lists the specific courses and number of units granted per course on an official transcript.	8	✓	✗	✓	✓	✓
		Genetics	BIOL	Recommended			✗	✗	✓	✓	✓
		Literature	ENGL	Required	Any course that fulfills a general education English requirement of a baccalaureate degree will be accepted. Reading or writing intensive courses taught in the Humanities may also be considered. English Rhetoric (Does not include speech) Literature Composition AP credit is only accepted if the school granting the credit lists the specific courses and number of units granted per course on an official transcript.	6	✗	✗	✓	✓	✓
		Literature	ENGL	Required	Any course that fulfills a general education English requirement of a baccalaureate degree will be accepted. Reading or writing intensive courses taught in the Humanities may also be considered. AP credit is only accepted if the school granting the credit lists the specific courses and number of units granted per course on an official transcript.		✗	✗	✓	✓	✓
		Molecular Biology	BIOL	Recommended	As well as Cellular Biology		✗	✗	✓	✓	✓
		Physics	PHYS	Required	Courses taught in the physics departments of an undergraduate institution. The 8 hrs. include 2 hrs. of lab. AP credit is only accepted if the school granting the credit lists the specific courses and number of units granted per course on an official transcript.	8	✓	✗	✓	✓	✓
		Statistics	MATH	Required	Courses taught in the mathematics and/or statistics departments of an undergraduate institution. AP credit is only accepted if the school granting the credit lists the specific courses and number of units granted per course on an official transcript.	3	✗	✗	✓	✓	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
TX	Texas Tech University Health Sciences Center School of Medicine	Anatomy	BIOL	Recommended		3	✓	✗	✓	✓	✓
		Biochemistry	CHEM	Required	Biochemistry (3000 or 4000 level) is REQUIRED by TTUHSC School of Medicine and may be used toward fulfilling 3 hours of the Biological Sciences or 3 hours of the General Chemistry requirement.	3	✗	✗	✓	✓	✓
		Biology	BIOL	Required	General Biology (I and II) or Zoology (6 hours) Upper Division Biology (6 hours)	12	✓	✗	✓	✓	✓
		Cell Biology	BIOL	Recommended		3	✗	✗	✓	✓	✓
		Chemistry	CHEM	Required	General Chemistry (I and II) Organic Chemistry (I and II)	12	✓	✗	✓	✓	✓
		Composition & Rhetoric	ENGL	Required	English literature and writing intensive courses are also acceptable but may need to be approved on a case by case basis.	6	✗	✗	✓	✓	✓
		Genetics	BIOL	Recommended			✗	✗	✓	✓	✓
		Immunology	BIOL	Recommended		3	✗	✗	✓	✓	✓
		Microbiology	BIOL	Recommended	Microbiology with lab	3	✓	✗	✓	✓	✓
		Molecular Biology	BIOL	Recommended		3	✗	✗	✓	✓	✓
		Physics	PHYS	Required	Physics (I and II)	6	✓	✗	✓	✓	✓
		Statistics	MATH	Required	Course topics must include regression and analysis of variance.	3	✗	✗	✓	✓	✓
TX	The University of Texas at Tyler School of Medicine	Biochemistry	CHEM	Required	3 semester hours		✓	● Official transcript, syllabus, etc.	✓	✓	✓
		Biology	BIOL	Required	11 semester hours, two of which must be labs		✓	● Official transcript, course syllabus, etc.	✓	✓	✓

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USA

State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
TX	The University of Texas at Tyler School of Medicine	Chemistry	CHEM	Required	12 semester hours, including one of the following combinations: - 2 semesters of organic chemistry and 1 semester of general inorganic chemistry (for a total of 9 semester hours with 3 labs); - 2 semesters of inorganic general chemistry and 1 semester of organic chemistry (for a total of 9 semester hours with 3 labs)		✓	● Official transcript, syllabus, etc.	✓	✓	✓
		Composition & Rhetoric	ENGL	Required	3 semester hours of composition-based coursework		✗	● Official transcript, syllabus, etc.	✓	✓	✓
		Physics	PHYS	Required	8 semester hours, two of which must be labs		✓	● Official transcript, syllabus, etc.	✓	✓	✓
		Statistics	MATH	Required	3 semester hours of statistics		✗	● Official transcript, syllabus, etc.	✓	✓	✓
TX	The University of Texas Health Science Center at San Antonio Joe R. and Teresa Lozano Long School of Medicine	Biochemistry	CHEM	Required		3	✗	✗	✓	● Online coursework for prerequisites will be considered on a case-by-case basis.	✓
		Biology	BIOL	Required	14 hours total, with 2 lab hours	14	✓	✗	✓	● Online coursework for prerequisites will be considered on a case-by-case basis.	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
TX	The University of Texas Health Science Center at San Antonio Joe R. and Teresa Lozano Long School of Medicine	Chemistry	CHEM	Required	Inorganic or general, 8 hours with 2 lab hours	8	✓	✗	✓	Online coursework for prerequisites will be considered on a case-by-case basis.	✓
		Composition & Rhetoric	ENGL	Required	Other topics are accepted; 6 hours required	6	✗	✗	✓	Online coursework for prerequisites will be considered on a case-by-case basis.	✓
		Genetics	BIOL	Recommended			✗	✓	✓	✓	✓
		Mathematics	MATH	Recommended			✗	✓	✓	✓	✓
		Physics	PHYS	Required	Includes 2 lab hours; online, virtual, or other modalities will be considered	8	✓	✗	✓	Online coursework for prerequisites will be considered on a case-by-case basis.	✓
		Psychology	BESS	Recommended			✗	✓	✓	✓	✓
		Statistics	MATH	Required		3	✗	✗	✓	Online coursework for prerequisites will be considered on a case-by-case basis.	✓
		Zoology	BIOL	Recommended			✗	✓	✓	✓	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
TX	University of Houston Tilman J. Fertitta Family College of Medicine	Biology	BIOL	Required	General Biology Course (100 or 200 level, or equivalent) Advanced Biology (300+ level or equivalent; Biochemistry from Biology department is acceptable)	11	✓	✗	✗	✓	✓
		Chemistry	CHEM	Required	General Chemistry (100 or 200 level or equivalent) Organic Chemistry	16	✓	✗	✗	✓	✓
		Composition & Rhetoric	ENGL	Required	English Composition	3	✗	✗	✗	✓	✓
		Physics	PHYS	Required	General Physics (100 or 200 level or equivalent)	8	✓	✗	✗	✓	✓
		Statistics	MATH	Required	Statistics, taught in math/statistics/psychology departments	3	✗	✗	✗	✓	✓
TX	University of Texas at Austin Dell Medical School	Biochemistry	CHEM	Required		3	✗	● If the science prereq. courses are designated "For Science Majors," the admissions team will consider courses with a grade schema change to "satisfactory" or pass/fail as meeting the prerequisite.	✓	✓	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
TX	University of Texas at Austin Dell Medical School	Biology	BIOL	Required	11 semester hours, 2 of which must be labs (A genetics course is strongly recommended.)	11	✓	● If the science prereq. courses are designated "For Science Majors," the admissions team will consider courses with a grade schema change to "satisfactory" or pass/fail as meeting the prerequisite.	✓	✓	✓
		Physics	PHYS	Required		8	✓	● If the science prereq. courses are designated "For Science Majors," the admissions team will consider courses with a grade schema change to "satisfactory" or pass/fail as meeting the prerequisite.	✓	✓	✓
		Statistics	MATH	Required		3	✗	●	✓	✓	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
TX	University of Texas at Austin Dell Medical School							If the science prereq. courses are designated "For Science Majors," the admissions team will consider courses with a grade schema change to "satisfactory" or pass/fail as meeting the prerequisite.			
TX	University of Texas Medical Branch John Sealy School of Medicine	Anatomy	BIOL	Recommended		4	✓	JSSOM will allow applicants to take any course Pass/ Fail from Spri ng 2020 (January 2020) through Fall 2021 (December 2 021).	AP and IB coursework are only accepted if the undergraduat e institution granting the credit lists the specific course(s) and the number of units granted per course on an official transcript.	✓	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
TX	University of Texas Medical Branch John Sealy School of Medicine	Biochemistry	CHEM	Required	3 semester hours or 5 quarter hours of biochemistry are required. Any credit or quarter hour deficiency less than or equal to 1 can be waived automatically per applicant request. Excess hours in Biochemistry can be used to fulfill biology or chemistry requirements.	3	✗	JSSOM will allow applicants to take any course Pass/ Fail from Spri ng 2020 (January 2020) through Fall 2021 (December 2 021).	AP and IB coursework are only accepted if the undergraduat e institution granting the credit lists the specific course(s) and the number of units granted per course on an official transcript.	✓	✓
		Biology	BIOL	Required	14 semester hours (12 semester hours of lecture and 2 semester hours of formal lab) or 21 quarter hours (18 quarter lecture hours and 3 quarter lab hours) as required for college science majors. (One semester of Biochemistry can be substituted for one semester of Biology). Any credit or quarter hour deficiency less than or equal to 2 can be waived automatically per applicant request.	14	✓	JSSOM will allow applicants to take any course Pass/ Fail from Spri ng 2020 (January 2020) through Fall 2021 (December 2 021).	AP and IB coursework are only accepted if the undergraduat e institution granting the credit lists the specific course(s) and the number of units granted per course on an official transcript.	✓	✓
		Cell Biology	BIOL	Recommended		3	✗			✓	✓

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USA

State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
TX	University of Texas Medical Branch John Sealy School of Medicine							JSSOM will allow applicants to take any course Pass/ Fail from Spri ng 2020 (January 2020) through Fall 2021 (December 2 021).	AP and IB coursework are only accepted if the undergraduat e institution granting the credit lists the specific course(s) and the number of units granted per course on an official transcript.		
		Chemistry	CHEM	Required	General Chemistry - 8 semester hours (6 semester hours of lecture and 2 semester hours of formal lab) or 12 quarter hours (9 quarter hours of lecture and 3 quarter hours of formal lab) as required for college science majors. Any credit or quarter hour deficiency less than or equal to 1 can be waived automatically per applicant request. Organic Chemistry - 8 semester hours (6 semester hours of lecture and 2 semester hours of formal lab) or 12 quarter hours (9 quarter hours of lecture and 3 quarter hours of formal lab) as required for college science majors. Any credit or quarter hour deficiency less than or equal to 1 can be waived automatically per applicant request.	16		JSSOM will allow applicants to take any course Pass/ Fail from Spri ng 2020 (January 2020) through Fall 2021 (December 2 021).	AP and IB coursework are only accepted if the undergraduat e institution granting the credit lists the specific course(s) and the number of units granted per course on an official transcript.		

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
TX	University of Texas Medical Branch John Sealy School of Medicine	Composition & Rhetoric	ENGL	Required	6 semester hours or 9 quarter hours. Writing intensive courses taught in departments other than the English department are considered case by case. Any credit or quarter hour deficiency less than or equal to 2 can be waived automatically per applicant request.	6	✗	JSSOM will allow applicants to take any course Pass/Fail from Spring 2020 (January 2020) through Fall 2021 (December 2021).	AP and IB coursework are only accepted if the undergraduate institution granting the credit lists the specific course(s) and the number of units granted per course on an official transcript	✓	✓
		Genetics	BIOL	Recommended		3	✗	JSSOM will allow applicants to take any course Pass/ Fail from Spri ng 2020 (January 2020) through Fall 2021 (December 2 021).	AP and IB coursework are only accepted if the undergraduate institution granting the credit lists the specific course(s) and the number of units granted per course on an official transcript.	✓	✓
		Immunology	BIOL	Recommended		3	✗			✓	✓

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USA

State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
TX	University of Texas Medical Branch John Sealy School of Medicine							JSSOM will allow applicants to take any course Pass/ Fail from Spri ng 2020 (January 2020) through Fall 2021 (December 2 021).	AP and IB coursework are only accepted if the undergraduat e institution granting the credit lists the specific course(s) and the number of units granted per course on an official transcript.		
		Mathematics	MATH	Required	3 semester hours or 5 quarter hours of college Calculus or Statistics. Statistics must be taught in the Math department. Any credit or quarter hour deficiency less than or equal to 1 can be waived automatically per applicant request.	3		JSSOM will allow applicants to take any course Pass/ Fail from Spri ng 2020 (January 2020) through Fall 2021 (December 2 021).	AP and IB coursework are only accepted if the undergraduat e institution granting the credit lists the specific course(s) and the number of units granted per course on an official transcript.		
		Microbiology	BIOL	Recommended		4					

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USA

State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
TX	University of Texas Medical Branch John Sealy School of Medicine							JSSOM will allow applicants to take any course Pass/ Fail from Spri ng 2020 (January 2020) through Fall 2021 (December 2 021).	AP and IB coursework are only accepted if the undergraduat e institution granting the credit lists the specific course(s) and the number of units granted per course on an official transcript.		
		Physics	PHYS	Required	8 semester hours (6 semester hours of lecture and 2 semester hours of formal lab) or 12 quarter hours (9 quarter hours of lecture and 3 quarter hours of formal lab) as required for college science majors. Any credit or quarter hour deficiency less than or equal to 1 can be waived automatically per applicant request.	8	✓	● JSSOM will allow applicants to take any course Pass/ Fail from Spri ng 2020 (January 2020) through Fall 2021 (December 2 021).	● AP and IB coursework are only accepted if the undergraduat e institution granting the credit lists the specific course(s) and the number of units granted per course on an official transcript.	✓	✓
		Physiology	BIOL	Recommended		4	✓	●	●	✓	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
TX	University of Texas Medical Branch John Sealy School of Medicine							JSSOM will allow applicants to take any course Pass/ Fail from Spri ng 2020 (January 2020) through Fall 2021 (December 2 021).	AP and IB coursework are only accepted if the undergraduat e institution granting the credit lists the specific course(s) and the number of units granted per course on an official transcript.		
TX	University of Texas Rio Grande Valley School of Medicine	Anatomy	BIOL	Recommended	Aside from required coursework, UTRGV SOM strongly recommends that applicants complete courses in Anatomy & Physiology.	3			Advanced placement credit is accepted only if the school granting the credit lists the specific course number(s) and number of semester/cre dit hours granted per course on an official transcript.	Online coursework will be evaluated and accepted on a case-by-case basis.	

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USA

State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
TX	University of Texas Rio Grande Valley School of Medicine	Anthropology	BESS	Recommended	In addition, to help students develop a broad-based foundation to support success in medical school, UTRGV SOM also recommends that students take courses covering topics from the following areas: Anthropology, Economics, Family Studies, Psychology, Sociology.	3	✗	✗	● Advanced placement credit is accepted only if the school granting the credit lists the specific course number(s) and number of semester/credit hours granted per course on an official transcript.	● Online coursework will be evaluated and accepted on a case-by-case basis.	✓
		Biochemistry	CHEM	Required	Three semester hours (or 5 quarter hours) of Biochemistry is required. This requirement may be used towards fulfilling the overall Biological Sciences or Chemistry requirement. The course may be taught in the Biology, Biochemistry or Chemistry department and cannot be an introductory course.	3	✓	✗	● Advanced placement credit is accepted only if the school granting the credit lists the specific course number(s) and number of semester/credit hours granted per course on an official transcript.	● Online coursework will be evaluated and accepted on a case-by-case basis.	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
TX	University of Texas Rio Grande Valley School of Medicine	Biology	BIOL	Required	A minimum of 14 semester hours (including 12 semester hours of lecture and 2 semester hours of lab), or 21 quarter hours (including 18 quarter hours of lecture and 3 quarter hours of lab) as required for science majors.	14	✓	✗	● Advanced placement credit is accepted only if the school granting the credit lists the specific course number(s) and number of semester/credit hours granted per course on an official transcript.	● Online coursework will be evaluated and accepted on a case-by-case basis.	✓

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USA

State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
TX	University of Texas Rio Grande Valley School of Medicine	Chemistry	CHEM	Required	Eight semester hours of general (inorganic) chemistry (including 6 semester hours of lecture and 2 semester hours of lab), or 12 quarter hours (including 9 quarter hours of lecture and 3 quarter hours of lab) as required for science majors. Courses should include familiarity with analytic and volumetric techniques, and may include courses such as General Chemistry, Physical Chemistry and Quantitative Analysis.	8	✓	✗	● Advanced placement credit is accepted only if the school granting the credit lists the specific course number(s) and number of semester/credit hours granted per course on an official transcript.	● Online coursework will be evaluated and accepted on a case-by-case basis.	✓
		Composition & Rhetoric	ENGL	Required	A minimum of 6 semester hours (or 9 quarter hours) of college English.	6	✗	✗	● Advanced placement credit is accepted only if the school granting the credit lists the specific course number(s) and number of semester/credit hours granted per course on an official transcript.	● Online coursework will be evaluated and accepted on a case-by-case basis.	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
TX	University of Texas Rio Grande Valley School of Medicine	Microbiology	BIOL	Recommended	Aside from required coursework, UTRGV SOM strongly recommends that applicants complete courses in Microbiology.	3	✓	✗	● Advanced placement credit is accepted only if the school granting the credit lists the specific course number(s) and number of semester/credit hours granted per course on an official transcript.	● Online coursework will be evaluated and accepted on a case-by-case basis.	✓
		Organic Chemistry	CHEM	Required	ORGANIC CHEMISTRY: Eight semester hours of organic chemistry (including 6 semester hours of lecture and 2 semester hours of lab), or 12 quarter hours (including 9 quarter hours of lecture and 3 quarter hours of lab) as required for science majors.	8	✓	✗	● Advanced placement credit is accepted only if the school granting the credit lists the specific course number(s) and number of semester/credit hours granted per course on an official transcript.	● Online coursework will be evaluated and accepted on a case-by-case basis.	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
TX	University of Texas Rio Grande Valley School of Medicine	Physics	PHYS	Required	A minimum of 8 semester hours (including 6 semester hours of lecture and 2 semester hours of lab), or 12 quarter hours (including 9 quarter hours of lecture and 3 quarter hours of lab).	8	✓	✗	● Advanced placement credit is accepted only if the school granting the credit lists the specific course number(s) and number of semester/credit hours granted per course on an official transcript.	● Online coursework will be evaluated and accepted on a case-by-case basis.	✓
		Statistics	MATH	Required	A minimum of 3 semester hours (or 5 quarter hours). Required content includes basic descriptive statistics, methods of data analysis and concepts of probability ideally directed toward applications in science. The Statistics course should be taught in a Math or Statistics Department. Calculus does not meet this requirement.	3	✗	✗	● Advanced placement credit is accepted only if the school granting the credit lists the specific course number(s) and number of semester/credit hours granted per course on an official transcript.	● Online coursework will be evaluated and accepted on a case-by-case basis.	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
TX	University of Texas Southwestern Medical School	Biochemistry	CHEM	Required	Biochemistry may be taught in the Biology, Biochemistry, or Chemistry Department. Biochemistry cannot be an introductory course.	3	✗	✓	✓	✓	✓
		Biochemistry	CHEM	Required		3	✗	✓	✓	● Biochemistry	✓
		Biology	BIOL	Required	Minimum 14 semester hours including formal laboratory experience may be one of the following: 12 lecture hours 2 lab hours Courses must be applicable toward a baccalaureate degree in a traditional science field regardless of student's major If 2 semesters of biochemistry are completed, 1 semester of biochemistry will be accepted toward fulfilling this requirement.	14	✓	✓	✓	✓	✓
		Chemistry	CHEM	Required	Minimum 12 semester hours must include: 4 semester hours general (inorganic) chemistry for science majors including corresponding laboratory experience 8 semester hours organic chemistry for science majors including corresponding laboratory experience	12	✓	✓	✓	✓	✓
		Chemistry	CHEM	Required	We require 3 lecture hours and 1 lab hour of general chemistry	4	✓	✓	✓	● n/a	✓
		Composition & Rhetoric	ENGL	Required	Any course approved by an English Department that fulfills general education English requirement of a baccalaureate degree. Remedial or developmental courses or "English as a Second Language" courses are not accepted. Humanities or Social Science courses with significant expository writing may satisfy this requirement.	6	✗	✓	✓	✓	✓
		Mathematics	MATH	Required	Minimum 3 semester credit hours of college calculus or statistics (preferably biostatistics)	3	✗	✓	✓	✓	✓
		Physics	PHYS	Required	Minimum 8 semester credit hours, including lab	8	✓	✓	✓	✓	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
UT	Spencer Fox Eccles School of Medicine at the University of Utah	Biology	BIOL	Required	Two (2) courses with all course-required labs. One (1) course must be in cellular biology or biochemistry. Course-required labs are defined as lab courses that are required to complete a given course as offered by the institution. If a course does not have a required lab component, students are not required to take an additional lab to meet SFESOM requirements. If students are unsure if a course in question has a required lab, it is recommended to contact an academic advisor within their institution.		✓	✓	✗	✓	✓
		Chemistry	CHEM	Required	Two (2) courses completing a general chemistry series with all course required labs. Course-required labs are defined as lab courses that are required to complete a given course as offered by the institution. If a course does not have a required lab component, students are not required to take an additional lab to meet SFESOM requirements. If students are unsure if a course in question has a required lab, it is recommended to contact an academic advisor within their institution.		✓	✓	● AP Chemistry credit earned with a score of 4 or 5 can fulfill one (1) semester of general chemistry. AP Chemistry credit must be posted on the official transcript in order to be counted.	✓	✓
		Organic Chemistry	CHEM	Required	Two (2) courses completing an organic chemistry series with all course-required labs. Course-required labs are defined as lab courses that are required to complete a given course as offered by the institution. If a course does not have a required lab component, students are not required to take an additional lab to meet SFESOM requirements. If students are unsure if a course in question has a required lab, it is recommended to contact an academic advisor within their institution.		✓	✓	●	✓	✓

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USA

State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
UT	Spencer Fox Eccles School of Medicine at the University of Utah								AP Chemistry credit earned with a score of 4 or 5 can fulfill one (1) semester of general chemistry. AP Chemistry credit must be posted on the official transcript in order to be counted.		
		Physics	PHYS	Required	Two (2) courses with all course required labs. Course-required labs are defined as lab courses that are required to complete a given course as offered by the institution. If a course does not have a required lab component, students are not required to take an additional lab to meet SFESOM requirements. If students are unsure if a course in question has a required lab, it is recommended to contact an academic advisor within their institution.		✓	✓	✗	✓	✓
VA	Eastern Virginia Medical School	Anatomy	BIOL	Recommended		3	✓	✓	✓	✓	✓
		Biochemistry	CHEM	Recommended		3	✓	✓	✓	✓	✓
		Biology	BIOL	Required	General biology 1 and 2.	8	✓	✓	✓	✓	✓
		Chemistry	CHEM	Required	General Chemistry 1 and 2 / Organic Chemistry 1 and 2	16	✓	✓	✓	✓	✓
		Genetics	BIOL	Recommended		3	✗	✓	✓	✓	✓
		Histology	BIOL	Recommended		3	✓	✓	✓	✓	✓
		Physics	PHYS	Required	General Physics 1 and 2	8	✓	✓	✓	✓	✓
		Physiology	BIOL	Recommended		3	✓	✓	✓	✓	✓
		Psychology	BESS	Recommended		3	✗	✓	✓	✓	✓
		Sociology	BESS	Recommended		3	✗	✓	✓	✓	✓
VA	University of Virginia School of Medicine	Biochemistry	CHEM	Recommended	Not required, but helpful for medical school. Not considered during the application process.		✗	✓	✓	✓	✓

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VA	University of Virginia School of Medicine	Cell Biology	BIOL	Recommended	Not required, but helpful for medical school. Not considered during the application process.		✗	✓	✓	✓	✓
		Statistics	MATH	Recommended	Not required, but helpful for medical school. Not considered during the application process.		✗	✓	✓	✓	✓
VA	Virginia Commonwealth University School of Medicine	Biochemistry	CHEM	Required		3	✗	✗	✗	✗	✓
		Biology	BIOL	Required	May be satisfied by general biology, general zoology or botany)	8	✓	✗	✓	✗	✓
		Chemistry	CHEM	Required		8	✓	✗	✓	✗	✓
		Composition & Rhetoric	ENGL	Required	Writing intensive English composition & rhetoric courses, only.	6	✗	✓	✓	✓	✓
		Mathematics	MATH	Required	College-level math or statistics	6	✗	✗	✓	✓	✓
		Organic Chemistry	CHEM	Required	Organic 1 is required. Organic 2 is optional, if needed to complete major requirements for graduation.	8	✓	✗	✗	✗	✓
		Physics	PHYS	Required		8	✓	✗	✓	✗	✓
		Psychology	BESS	Recommended	Highly recommended	3	✗	✓	✓	✓	✓
		Sociology	BESS	Recommended	Highly recommended	3	✗	✓	✓	✓	✓
VA	Virginia Tech Carilion School of Medicine	Biochemistry	CHEM	Required	Either 2 semesters of Organic Chemistry or 1 semester of Organic and 1 semester of Biochemistry	8	✓	● Refer to this webpage for specific requirements at medicine.vtc.vt.edu/admissions/academic-requirements. Email vtcadmissions@vt.edu if your particular question is not addressed there.	● Refer to this webpage for specific requirements at medicine.vtc.vt.edu/admissions/academic-requirements. Email vtcadmissions@vt.edu if your particular question is not addressed there.	✗	● Refer to this webpage for specific requirements at medicine.vtc.vt.edu/admissions/academic-requirements. Email vtcadmissions@vt.edu if your particular question is not addressed there.

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
VA	Virginia Tech Carilion School of Medicine	Biology	BIOL	Required	2 semesters of Biology	8	✓	● Refer to this webpage for specific requirements at medicine.vtc.vt.edu/admissions/academic-requirements. Email vtcadmissions@vt.edu if your particular question is not addressed there.	✓	✗	● Refer to this webpage for specific requirements at medicine.vtc.vt.edu/admissions/academic-requirements. Email vtcadmissions@vt.edu if your particular question is not addressed there.
		Chemistry	CHEM	Required	2 semesters of Inorganic Chemistry	8	✓	● Refer to this webpage for specific requirements at medicine.vtc.vt.edu/admissions/academic-requirements. Email vtcadmissions@vt.edu if your particular question is not addressed there.	● Refer to this webpage for specific requirements at medicine.vtc.vt.edu/admissions/academic-requirements. Email vtcadmissions@vt.edu if your particular question is not addressed there.	✗	● Refer to this webpage for specific requirements at medicine.vtc.vt.edu/admissions/academic-requirements. Email vtcadmissions@vt.edu if your particular question is not addressed there.
		Literature	ENGL	Required	English/Writing: 2 semesters or 1 semester each of English and Philosophy	6	✗	✓	✓	✓	●

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
VA	Virginia Tech Carilion School of Medicine										Refer to this webpage for specific requirements at medicine.vtc.vt.edu/admissions/academic-requirements. Email vtcadmissions@vt.edu if your particular question is not addressed there.
		Mathematics	MATH	Required	Either 2 semesters of Calculus or 1 semester of Calculus and 1 semester of Statistics.	6	✗	Refer to this webpage for specific requirements at medicine.vtc.vt.edu/admissions/academic-requirements. Email vtcadmissions@vt.edu if your particular question is not addressed there.	✓	✓	Refer to this webpage for specific requirements at medicine.vtc.vt.edu/admissions/academic-requirements. Email vtcadmissions@vt.edu if your particular question is not addressed there.
		Physics	PHYS	Required	2 semesters of Physics	8	✓		✓	✗	

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
VA	Virginia Tech Carilion School of Medicine							Refer to this webpage for specific requirements at medicine.vtc.vt.edu/admissions/academic-requirements. Email vtcadmissions@vt.edu if your particular question is not addressed there.			Refer to this webpage for specific requirements at medicine.vtc.vt.edu/admissions/academic-requirements. Email vtcadmissions@vt.edu if your particular question is not addressed there.
VT	Robert Larner, M.D., College of Medicine at the University of Vermont	Biochemistry	CHEM	Required	A course that is acceptable for a science major at the applicant's college or university. This course must have at least one semester of organic chemistry as a prerequisite. This course can replace the second semester of organic chemistry.	3	✗	✓	✗	✓	✗
		Biology	BIOL	Required	Any general biology course approved for science majors at the applicant's university or college. We will accept AP courses and will require additional biology courses at a higher level. Also acceptable are: Cellular Biology General Biology Genetics Histology Microbiology Upper-level Zoology Neuroscience	8	✓	✓	✓	✓	✓
		Chemistry	CHEM	Required	Any general chemistry I & II sequence approved towards a science major at the applicant's college or university. AP credits will be accepted, and additional coursework at the higher level is required. Organic Chemistry I & II. We understand that programs offer variations on the chemistry and organic sequence, and we will take any sequence that has met the university's requirements for science majors.	16	✓	✓	✓	✓	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
VT	Robert Larner, M.D., College of Medicine at the University of Vermont	Physics	PHYS	Required	Any general physics or physics with calculus accepted towards a science or engineering degree at the applicant's college or university. AP credits are acceptable and additional credits at the higher level will be required.	8	✓	✓	✓	✓	✓
		Thermodynamics	CHEM	Required	General organic chemistry that is required for chemistry or biology majors.	8	✓	✓	✗	✓	✓
WA	University of Washington School of Medicine	Anatomy	BIOL	Recommended			✗	✓	✓	✓	✓
		Biochemistry	CHEM	Required	2 years* (lab recommended) COMBINED with Chemistry (e.g. 1 year chemistry + 1 year biochemistry, etc.) The subject matter in these courses must include college-level inorganic and organic chemistry and biochemistry. Typically, students will complete 1 year of general (inorganic) chemistry and a year of organic and biochemistry combined, at minimum, to meet this requirement. Many applicants will however, take a full year of organic chemistry as well as at least one term of biochemistry. The Foundations curriculum is taught with the assumption that students arrive with a solid grounding in the fundamentals of foundational chemistry and biochemistry topics, including molecular structure, chemical reactivity, energetics, protein structure and function and intermediary metabolism.		✓	✓	✓	✓	✓
		Biology	BIOL	Required	1 year* (lab recommended) The subject matter in these courses must include college-level biology, molecular genetics and cell biology/cell physiology, although applicants are not required to take courses with these specific titles. The Foundations curriculum is taught with the expectation that students arrive with a solid grounding in the fundamentals of the following human biological principles: homeostasis and feedback, neuronal signaling, hormone receptors, immunology, cell biology including subcellular organization, differentiation, cellular metabolic function, energy transfer, reproduction, Mendelian genetic principles of nucleic acid structure and function, genetic recombination and mechanisms of gene expression.		✓	✓	✓	✓	✓
		Biostatistics	MATH	Recommended			✗	✓	✓	✓	✓

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WA	University of Washington School of Medicine	Calculus	MATH	Recommended			✗	✓	✓	✓	✓
		Chemistry	CHEM	Required	2 years* (lab recommended) COMBINED with Chemistry (e.g. 1 year chemistry + 1 year biochemistry, etc.) The subject matter in these courses must include college-level inorganic and organic chemistry and biochemistry. Typically, students will complete 1 year of general (inorganic) chemistry and a year of organic and biochemistry combined, at minimum, to meet this requirement. Many applicants will however, take a full year of organic chemistry as well as at least one term of biochemistry. The Foundations curriculum is taught with the assumption that students arrive with a solid grounding in the fundamentals of foundational chemistry and biochemistry topics, including molecular structure, chemical reactivity, energetics, protein structure and function and intermediary metabolism.		✓	✓	✓	✓	✓
		Microbiology	BIOL	Recommended			✗	✓	✓	✓	✓
		Physics	PHYS	Required	1 year* The subject matter in these courses must include college-level physics principles including mechanics, kinetics, thermodynamics, properties of matter, wave theory, electricity and magnetism and optics although applicants are not required to take courses with these specific titles.		✗	✓	✓	✓	✓
		Physiology	BIOL	Recommended			✗	✓	✓	✓	✓

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: Yes : No : Case-by-Case

USA

State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
WA	University of Washington School of Medicine	Psychology	BESS	Recommended	Demonstrated competency (Could be met with a combination of coursework and experiences) Entering medical students should understand the social forces that shape the health of the individuals and communities they will serve. This includes understanding how social contextual factors and policy operate at the community and national level to impact the health of individuals. Students should be familiar with disparities in health currently present in society and their underlying etiologies. Candidates seeking acceptance to UWSOM can establish competency in this area through course work in the social sciences, humanities or related interdisciplinary fields such as public health or ethnic and gender studies, clinical and/or population health research, service learning, lived experience or a combination of thereof. Determination of competency will be evaluated through the secondary application and/or interview.		✗	✓	✓	✓	✓
		Sociology	BESS	Recommended	Demonstrated competency (Could be met with a combination of coursework and experiences) Entering medical students should understand the social forces that shape the health of the individuals and communities they will serve. This includes understanding how social contextual factors and policy operate at the community and national level to impact the health of individuals. Students should be familiar with disparities in health currently present in society and their underlying etiologies. Candidates seeking acceptance to UWSOM can establish competency in this area through course work in the social sciences, humanities or related interdisciplinary fields such as public health or ethnic and gender studies, clinical and/or population health research, service learning, lived experience or a combination of thereof. Determination of competency will be evaluated through the secondary application and/or interview.		✗	✓	✓	✓	✓
		Statistics	MATH	Recommended			✗	✓	✓	✓	✓
WA	Washington State University Elson S. Floyd College of Medicine	Anatomy	BIOL	Recommended		3	✗	✗	✓	✓	✓
		Biology	BIOL	Required	Biology with lab is required Preferred focus: Genetics, molecular biology	4	✓	✗	✓	✓	✓

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USA

State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
WA	Washington State University Elson S. Floyd College of Medicine	Chemistry	CHEM	Required	Organic chemistry with lab	4	✓	✗	✗	✓	✓
		Composition & Rhetoric	ENGL	Recommended		3	✗	✗	✓	✓	✓
		Genetics	BIOL	Recommended		3	✗	✗	✓	✓	✓
		Mathematics	MATH	Recommended		3	✗	✗	✓	✓	✓
		Physics	PHYS	Required	Physics with lab	4	✓	✗	✓	✓	✓
		Physiology	BIOL	Recommended		3	✗	✗	✓	✓	✓
		Psychology	BESS	Recommended		3	✗	✗	✓	✓	✓
		Sociology	BESS	Recommended		3	✗	✗	✓	✓	✓
		Statistics	MATH	Recommended		3	✗	✗	✓	✓	✓
WI	Medical College of Wisconsin	Biochemistry	CHEM	Required	3-4 credits (1 semester) Biochemistry. Provided the course required General and Organic Chemistry as prerequisites.	4	✗	● We will accept pass/fail grades for coursework, including prerequisites, taken during the COVID-19 pandemic (including January 2020 – Summer Term 2023).	✗	✓	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
WI	Medical College of Wisconsin	Biology	BIOL	Required	3-4 credits (1 semester) Advanced Biology (200+ level). Courses such as Anatomy & Physiology, Immunology, Microbiology or Neurobiology will satisfy this requirement.	4	✗	● We will accept pass/fail grades for coursework, including prerequisites, taken during the COVID-19 pandemic (including January 2020 – Summer Term 2023).	✗	✓	✓
		Composition & Rhetoric	ENGL	Required	3-4 credits (1 semester) English. May use a writing-intensive course to satisfy this requirement.	4	✗	● We will accept pass/fail grades for coursework, including prerequisites, taken during the COVID-19 pandemic (including January 2020 – Summer Term 2023).	✓	✓	✓
		Mathematics	MATH	Required	3-4 credits (1 semester) Math. Statistics is recommended.	4	✗	●	✓	✓	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
WI	Medical College of Wisconsin							We will accept pass/fail grades for coursework, including prerequisites, taken during the COVID-19 pandemic (including January 2020 – Summer Term 2023).			
		Physics	PHYS	Required	6-8 credits (2 semesters) Physics. Typically Physics I and Physics II will fulfill this requirement.	8		We will accept pass/fail grades for coursework, including prerequisites, taken during the COVID-19 pandemic (including January 2020 – Summer Term 2023).			
		Psychology	BESS	Required	3-4 credits (1 semester) Psychology or Sociology.	4		We will accept pass/fail grades for coursework, including prerequisites, taken during the COVID-19 pandemic (including January 2020 – Summer Term 2023).			

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
WI	Medical College of Wisconsin	Sociology	BESS	Required	3-4 credits (1 semester) Psychology OR Sociology	4	✗	● We will accept pass/fail grades for coursework, including prerequisites, taken during the COVID-19 pandemic (including January 2020 – Summer Term 2023).	✓	✓	✓
WI	University of Wisconsin School of Medicine and Public Health	Biochemistry	CHEM	Required		3	✗	● Graded coursework is strongly preferred. However, a pass/fail grading basis will be accepted for coursework taken between spring 2020 and fall 2022.	✗	● Graded coursework is strongly preferred. However, a pass/fail grading basis will be accepted for coursework taken between spring 2020 and fall 2022.	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
WI	University of Wisconsin School of Medicine and Public Health	Biology	BIOL	Required		8	✓	2 courses required (1 with lab), 8 credits min. Graded coursework is strongly preferred. However, a pass/fail grading basis will be accepted for coursework taken between spring 2020 and fall 2022.	✓	2 courses required (1 with lab), 8 credits min. Graded coursework is strongly preferred. However, a pass/fail grading basis will be accepted for coursework taken between spring 2020 and fall 2022.	✓
		Chemistry	CHEM	Required		8	✓	8 credits of inorganic chemistry with lab are required. Graded courses are strongly preferred. A pass/fail grading basis will be accepted for courses taken between spring 2020 and fall 2022.	✓	8 credits of inorganic chemistry with lab are required. Graded courses are strongly preferred. A pass/fail grading basis will be accepted for courses taken between spring 2020 and fall 2022.	✓
		Organic Chemistry	CHEM	Required		3	✗		✗		✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
WI	University of Wisconsin School of Medicine and Public Health							3 credits of organic chemistry are required. Graded courses are strongly preferred. A pass/fail grading basis will be accepted for courses taken between spring 2020 and fall 2022.		3 credits of organic chemistry are required. Graded courses are strongly preferred. A pass/fail grading basis will be accepted for courses taken between spring 2020 and fall 2022.	
		Physics	PHYS	Required		8	✓	Two general physics courses with lab required, min. 8 credits. Graded courses strongly preferred. However, pass/fail grading will be accepted for courses taken between spring 2020 and fall 2022.	✓	Two general physics courses with lab required, min. 8 credits. Graded courses strongly preferred. However, pass/fail grading will be accepted for courses taken between spring 2020 and fall 2022.	✓
		Statistics	MATH	Required		3	✗		✓	✓	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
WI	University of Wisconsin School of Medicine and Public Health							3 credits of basic statistics are required. The requirement may be satisfied through a variety of courses that include statistics topics, pending review by the MD Admissions office.			
WV	Marshall University Joan C. Edwards School of Medicine	Anatomy	BIOL	Recommended	HIGHLY RECOMMENDED 300 level or above	3	✗	✗	✓	✗	✓
		Biochemistry	CHEM	Required	Biochemistry	3	✗	✗	✓	✗	✓
		Biology	BIOL	Required	General Biology I & II or Zoology with lab	8	✓	✗	✓	✗	✓
		Cell Biology	BIOL	Recommended	HIGHLY RECOMMENDED Molecular Biology also acceptable to fulfill this recommendation.	3	✗	✗	✓	✗	✓
		Chemistry	CHEM	Required	General Chemistry I & II with labs AND Organic Chemistry I & II with labs	16	✓	✗	✓	✗	✓
		Immunology	BIOL	Recommended	Highly recommended	3	✗	✗	✓	✗	✓
		Literature	ENGL	Required	English language and literature. Composition and Rhetoric and Creative writing also acceptable for fulfilling this requirement.	6	✗	✗	✓	✗	✓
		Physics	PHYS	Required	Physics I & II with labs	8	✓	✗	✓	✗	✓
		Physiology	BIOL	Recommended	HIGHLY RECOMMENDED 300 Level course or above	3	✗	✗	✓	✗	✓
		Sociology	BESS	Required	Anthropology, Economics, Family Studies and Psychology also acceptable courses for fulfilling this requirement	6	✗	✗	✓	✓	✓
		Statistics	MATH	Required	Biostatistics also acceptable for fulfilling this requirement	3	✗	✗	✓	✗	✓
WV	West Virginia University School of Medicine	Anatomy	BIOL	Recommended			✗	✓	✓	✓	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
WV	West Virginia University School of Medicine	Biochemistry	CHEM	Recommended			✗	✓	✓	✓	✓
		Biology	BIOL	Recommended			✗	✓	✓	✓	✓
		Cell Biology	BIOL	Recommended			✗	✓	✓	✓	✓
		Chemistry	CHEM	Recommended			✗	✓	✓	✓	✓
		Genetics	BIOL	Recommended			✗	✓	✓	✓	✓
		Histology	BIOL	Recommended			✗	✓	✓	✓	✓
		Immunology	BIOL	Recommended			✗	✓	✓	✓	✓
		Microbiology	BIOL	Recommended			✗	✓	✓	✓	✓
		Physics	PHYS	Recommended			✗	✓	✓	✓	✓
		Physiology	BIOL	Recommended			✗	✓	✓	✓	✓
		Psychology	BESS	Recommended			✗	✓	✓	✓	✓
		Sociology	BESS	Recommended			✗	✓	✓	✓	✓

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
BC	University of British Columbia Faculty of Medicine	Anatomy	BIOL	Recommended			✗	✓	✓	✓	✓
		Biochemistry	CHEM	Recommended			✓	✓	✓	✓	✓
		Biology	BIOL	Recommended			✗	✓	✓	✓	✓
		Cell Biology	BIOL	Recommended			✗	✓	✓	✓	✓
		Chemistry	CHEM	Recommended			✓	✓	✓	✓	✓
		Literature	ENGL	Required		3	✗	✗	✓	✓	● Provided it is university transferrable
		Microbiology	BIOL	Recommended			✗	✓	✓	✓	✓
		Physiology	BIOL	Recommended			✗	✓	✓	✓	✓
		Psychology	BESS	Recommended			✗	✓	✓	✓	✓
		Sociology	BESS	Recommended			✗	✓	✓	✓	✓
		Statistics	MATH	Recommended			✗	✓	✓	✓	✓
MB	Max Rady College of Medicine, Rady Faculty of Health Sciences, University of Manitoba	Biochemistry	CHEM	Recommended	Per the AAMC website, all of the content on the MCAT exam is covered in introductory courses at most colleges and universities, including introductory biology, general chemistry, organic chemistry, physics, and first-semester psychology, sociology, and biochemistry. Research methods and statistics concepts on the exam are used in introductory science labs as well as introductory psychology and sociology courses. Please see https://students-residents.aamc.org/mcat-faq/mcat-faqs for more information.		✗	✓	✓	✓	✗

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
MB	Max Rady College of Medicine, Rady Faculty of Health Sciences, University of Manitoba	Biology	BIOL	Recommended	Per the AAMC website, all of the content on the MCAT exam is covered in introductory courses at most colleges and universities, including introductory biology, general chemistry, organic chemistry, physics, and first-semester psychology, sociology, and biochemistry. Research methods and statistics concepts on the exam are used in introductory science labs as well as introductory psychology and sociology courses. Please see https://students-residents.aamc.org/mcat-faq/mcat-faqs for more information.		✗	✓	✓	✓	✗
		Chemistry	CHEM	Recommended	Per the AAMC website, all of the content on the MCAT exam is covered in introductory courses at most colleges and universities, including introductory biology, general chemistry, organic chemistry, physics, and first-semester psychology, sociology, and biochemistry. Research methods and statistics concepts on the exam are used in introductory science labs as well as introductory psychology and sociology courses. Please see https://students-residents.aamc.org/mcat-faq/mcat-faqs for more information.		✗	✓	✓	✓	✗
		Microbiology	BIOL	Recommended	Per the AAMC website, all of the content on the MCAT exam is covered in introductory courses at most colleges and universities, including introductory biology, general chemistry, organic chemistry, physics, and first-semester psychology, sociology, and biochemistry. Research methods and statistics concepts on the exam are used in introductory science labs as well as introductory psychology and sociology courses. Please see https://students-residents.aamc.org/mcat-faq/mcat-faqs for more information.		✗	✓	✓	✓	✗
		Physics	PHYS	Recommended	Per the AAMC website, all of the content on the MCAT exam is covered in introductory courses at most colleges and universities, including introductory biology, general chemistry, organic chemistry, physics, and first-semester psychology, sociology, and biochemistry. Research methods and statistics concepts on the exam are used in introductory science labs as well as introductory psychology and sociology courses. Please see https://students-residents.aamc.org/mcat-faq/mcat-faqs for more information.		✗	✓	✓	✓	✗

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
MB	Max Rady College of Medicine, Rady Faculty of Health Sciences, University of Manitoba	Psychology	BESS	Recommended	Per the AAMC website, all of the content on the MCAT exam is covered in introductory courses at most colleges and universities, including introductory biology, general chemistry, organic chemistry, physics, and first-semester psychology, sociology, and biochemistry. Research methods and statistics concepts on the exam are used in introductory science labs as well as introductory psychology and sociology courses. Please see https://students-residents.aamc.org/mcat-faq/mcat-faqs for more information.		✗	✓	✓	✓	✗
		Sociology	BESS	Recommended	Per the AAMC website, all of the content on the MCAT exam is covered in introductory courses at most colleges and universities, including introductory biology, general chemistry, organic chemistry, physics, and first-semester psychology, sociology, and biochemistry. Research methods and statistics concepts on the exam are used in introductory science labs as well as introductory psychology and sociology courses. Please see https://students-residents.aamc.org/mcat-faq/mcat-faqs for more information.		✗	✓	✓	✓	✗
ON	University of Ottawa Faculty of Medicine	Biochemistry	CHEM	Required	Introduction to Biochemistry	4	✓	✗	✗	● The course can be online but we do not accept home or virtual labs.	✗
		Biology	BIOL	Required	We also accept Anatomie and Physiology to satisfy the Biology requirement.	8	✓	✗	● Only High Level (4-5) is accepted.	● The course can be online but we do not accept home or virtual labs.	✓

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CAN

State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
ON	University of Ottawa Faculty of Medicine	Chemistry	CHEM	Required	General Chemistry (3 credits) + Organic Chemistry (3 credits)	8	✓	✗	● Only High Level (4-5) is accepted.	● The course can be online but we do not accept home or virtual labs.	● General Chemistry from college is accepted, however, the Organic Chemistry must be done at the University level.
		Statistics	MATH	Required	Statistics	3	✗	✗	✗	✓	✗
ON	University of Toronto Temerty Faculty of Medicine	Anatomy	BIOL	Recommended			✗	✓	● Must receive an equivalent university credit on your transcript	● Must be from an accredited university and receive a university credit on your transcript	✗
		Anthropology	BESS	Recommended			✗	✓	● Must receive an equivalent university credit on your transcript	● Must be from an accredited university and receive a university credit on your transcript	✗
		Biology	BIOL	Recommended			✗	✓	● Must receive an equivalent university credit on your transcript	● Must be from an accredited university and receive a university credit on your transcript	✗

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
ON	University of Toronto Temerty Faculty of Medicine	Botany	BIOL	Recommended			✗	✓	Must receive an equivalent university credit on your transcript	Must be from an accredited university and receive a university credit on your transcript	✗
		Cell Biology	BIOL	Recommended			✗	✓	Must receive an equivalent university credit on your transcript	Must be from an accredited university and receive a university credit on your transcript	✗
		Economics	BESS	Recommended			✗	✓	Must receive an equivalent university credit on your transcript	Must be from an accredited university and receive a university credit on your transcript	✗
		Immunology	BIOL	Recommended			✗	✓	Must receive an equivalent university credit on your transcript	Must be from an accredited university and receive a university credit on your transcript	✗
		Literature	ENGL	Recommended			✗	✓	Must receive an equivalent university credit on your transcript	Must be from an accredited university and receive a university credit on your transcript	✗
		Microbiology	BIOL	Recommended			✗	✓			✗

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State	Medical School	Course	Class	Required or Recommended?	Additional Info	Credit Hours	Lab?	Pass /Fail	AP Credit	Online Course	Communit College
ON	University of Toronto Temerty Faculty of Medicine								Must receive an equivalent university credit on your transcript	Must be from an accredited university and receive a university credit on your transcript	
		Molecular Biology	BIOL	Recommended			✗	✓	Must receive an equivalent university credit on your transcript	Must be from an accredited university and receive a university credit on your transcript	✗
		Physiology	BIOL	Recommended			✗	✓	Must receive an equivalent university credit on your transcript	Must be from an accredited university and receive a university credit on your transcript	✗
		Sociology	BESS	Recommended			✗	✓	Must receive an equivalent university credit on your transcript	Must be from an accredited university and receive a university credit on your transcript	✗
QC	Universite de Montreal Faculty of Medicine	Biochemistry	CHEM	Required			✓	✓	✓	✓	✓
		Biology	BIOL	Required			✓	✓	✓	✓	✓
		Chemistry	CHEM	Required			✓	✓	✓	✓	✓
		Physics	PHYS	Required			✓	✓	✓	✓	✓

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