



College of Medicine, Florida State University  
Biomedical Sciences B.S. Degree Program  
Clinical Professions Major Course Requirements

The Florida State University College of Medicine's goal is to educate and develop exemplary physicians who practice patient-centered health care, discover and advance knowledge, and are responsive to community needs. The Biomedical Sciences Degree Program expands and develops the solid science foundation needed to apply to medical school, dental school, physician assistant programs, and a number of other health care professions that require post baccalaureate training.

The Clinical Professions major allows students to benefit from choosing a rigorous science core that complements their experiential service-learning seminars and capstone course experience.

This major provides a great deal of flexibility in choosing upper division electives that match student interests.



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Advising Appointments:  
My.fsu.edu > Click "Campus Connect" icon > Click "Schedule Advising or Tutoring"

# Clinical Professions (CP) Major Course Requirements

## IMS Core Requirements:

Course #	Course Title	Credit <sup>1</sup> Hours	Prerequisite(s)
PSY 2012	General Psychology	3	
MAC 1105	College Algebra	3	
MAC 1140	Pre-Calculus	3	MAC 1105
MAC 1114	Trigonometry	3	MAC 1105
BSC 2010/L	Biological Science I & Biological Science I Lab	4	
BSC 2011/L	Biological Science II & Biological Science II Lab	4	BSC 2010/L
CHM 1045/L	General Chemistry I & General Chemistry I Lab	4	MAC 1105
CHM 1046/L	General Chemistry II & General Chemistry II Lab	4	CHM 1045/L
CHM 3120/L	Analytical Chemistry & Analytical Chemistry Lab	4	CHM 1046/L
Students choose a sequence <sup>2</sup> : <sup>3</sup> CHM 2210 and CHM 2211 CHM 2211L BCH 4053 <b>OR</b> <sup>4</sup> CHM 3217 CHM 3217L BCH 4053	Organic Chemistry I Organic Chemistry II Organic Chemistry II Lab General Biochemistry I  One Semester Organic Chemistry One Semester Organic Chemistry Lab General Biochemistry I	3 3 3 3  4 1 3	CHM 1046/1046L CHM 2210 CHM 2210 & CHM 2211 co-req CHM 2211  CHM 1046/1046L CHM 3217 CHM 3217
PHY 2053C	College Physics A with Lab	4	MAC 1140 & MAC 1114
PHY 2054C	College Physics B with Lab	4	PHY 2053C
IHS 1100	Exploring Health Professions	1	
IHS 2121	Delivering Patient Care	1	IHS 1100
IHS 3122	Introduction to Medical Science (transfer students only)	1	
IHS 3931	Problems and Issues in Healthcare	1	IHS 2121 or IHS3122
IHS 4501	Inquiry in Healthcare Research	1	IHS 3931
IHS 4901	Medical Sciences Capstone	3	IHS 4501
Major Elective Coursework	Choose from approved list	33	Refer to elective list
	Total credit hours:	<b>87-92<sup>5</sup></b>	

<sup>1</sup>Course grades must be ≥C- <sup>2</sup>If a student starts one organic chemistry sequence, it is in their best interest to finish that sequence. <sup>3</sup>Students thinking about Veterinary, Dental, or Pharmacy School will need to take this sequence <sup>4</sup>Recommended for students who have earned a B or higher in both CHM 1045/L and CHM 1046/L <sup>5</sup>Total credit hours vary upon organic chemistry and seminar sequence.

**Please note: Students are responsible for knowing the requirements of the professional schools where they plan to apply. Certain courses may require prerequisites. Courses may not be offered every semester. Permission may be needed from respective department, or course may have reserve cap.**



### Upper-Division Electives:

- 6 credits of science electives from approved list
- 6 credits of non-science electives from approved list
- 21 credits of any elective from approved list

**Total elective credits=33**

Requirements and/or courses are subject to change from the time this document was published, please visit the [IMS Resources Page](#) for the most current curriculum.