



# INTERDISCIPLINARY MEDICAL SCIENCES PROGRAM (IMS)

## FLORIDA STATE UNIVERSITY COLLEGE OF MEDICINE

### B.S. Degree in **Biomedical Sciences**



#### GENERAL INFORMATION

3 Majors:

- Clinical Professions (CP)
- Health Management, Policy, & Information (HMPI)
- Community Patient Care (CPC)

- Designed for students interested in health-related careers
- Allows students to pursue individual specialized and pre-professional interests
- Prepares for entry into professional training programs or healthcare workforce

#### ACADEMIC INFORMATION

Curriculum is delivered by seven colleges at FSU:

- College of Arts & Sciences
- College of Communication & Information
- College of Health & Human Sciences
- College of Medicine
- College of Nursing
- College of Social Sciences & Public Policy
- College of Social Work

- Rigorous science core curriculum (87-92 hours)

#### LEARNING EXPERIENCE

##### Experiential Learning

- 64 hrs/year for a minimum total of 256 hours
- Builds health-related experiences and network in venues students are passionate about
- Builds health-related experiences and network to allow students to explore many different options in the health field

##### Seminars

- Three to four, one credit hour each
- Explore interests, explore patient-centric view, evaluate issues in healthcare, and evaluate research in medicine

##### Senior capstone project

- Three credit hours
- Each student will choose a current health related topic to research

#### INTERDISCIPLINARY MEDICAL SCIENCES EXPERIENTIAL LEARNING

The goal of the IMS experience is to help students understand the health care system, its challenges and issues, appreciate a patient-centric delivery system, understand the importance of a collaborative healthcare team, and confirm their dedication to serve in this field. Every student is required to gain approved and documented healthcare experience for progression in the major. Ideally, the student will find a venue in which they can develop a passion for service to community/others.

#### INTERDISCIPLINARY MEDICAL SCIENCES SEMINAR AND CAPSTONE COURSES

A unique and innovative aspect of the IMS Program is the IMS Experiential Service Learning sequence, engaging students in the real world of health care beginning in the freshman year and culminating with the Capstone course in the senior year that requires research and/or analysis of health care venues and delivery. The goal of the seminar sequence and capstone course are to provide structure and context for the experiential and service learning process.

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## COURSE REQUIREMENTS

### All IMS Majors take:

- General Psychology
- College Algebra, Pre-Calculus, and Trigonometry
- Chemistry through Biochemistry and Analytical Chemistry with labs
- Biology I and II with labs
- Physics I and II with labs
- Medical Sciences Seminars (One per year)
- Senior Capstone Course
- 33 hours of major electives

## PREREQUISITE COURSEWORK

The following courses must be completed with a final grade of C- or better within in the first two years of College:

- BSC X010, X010L Biological Science I and Lab
- BSC X011, X011L Biological Science II and Lab
- CHM X045, X045L General Chemistry I and Lab
- CHM X046, X046L General Chemistry II and Lab
- PSY X012 General Psychology
- MAC X105 College Algebra
- MAC X140 Pre-Calculus
- MAC X114 Trigonometry

## Clinical Professions

Establish a solid science foundation needed for health professional schools including medical, dental, physician assistant, and many others.

Total of **33 credit hours** of approved upper-division elective courses

## Health Management, Policy, & Information

Prepares students for research or work in government, public health, hospital, and clinic administration and management.

Total of **33 credit hours** of approved elective courses

### 2 Focus Options (12-18 hours):

- \*Health Information Technology
- \*Public Health Administration & Policy

## Community Patient Care

Prepares students to work directly with patients in a variety of venues from health clinics to nonprofit respite providers.

Total of **33 credit hours** of approved elective courses

### 5 Focus Options (12 hours):

- \*Medical Spanish Interpreter
- \*Developmental Disabilities
- \*Child Welfare Practice
- \*Gerontology/Aging Studies
- \*Patient Advocacy & Navigation