

Pre-Medicine

Recommended Courses for HDFS Majors

HDFS students following a pre-med program should elect the Child and Adolescent Development concentration and include the following courses in their program. Please note Individual medical schools may expect additional coursework and students should explore these individual school requirements.

MCB 150 + MCB 151	Molecular & Cellular Basis of Life + lab
IB 150 + IB 151	Organismal & Evolutionary Biol + lab
CHEM 102 + CHEM 103	General Chemistry I + lab
CHEM 104 + CHEM 105	General Chemistry II + lab
CHEM 232 + CHEM 233	Elementary Organic Chemistry I + lab
MCB 354 or 450	Biochem & Phys Basis of Life or Intro Biochemistry
PHYS 101	College Physics: Mechanics & Heat
PHYS 102	College Physics: E&M & Modern

Highly recommended:

MCB 244	Human Anatomy & Physiology I
MCB 246	Human Anatomy & Physiology II
MCB 250 or IB 204	Molecular Genetics or Genetics
CHEM 332	Organic Chemistry II
PSYCH 100	Intro to Psychology
SOC 100	Intro to Sociology

Sample 4-year Plan for Child & Adolescent Development Concentration

[for students starting the HDFS major in or after Fall 2019]

The four-year plan below shows how to meet graduation requirements in the HDFS child and adolescent development concentration while completing a pre-med program. Use this plan only as a guide. Consult your academic advisor for suggestions for open electives suited for your career plans, and as you develop, modify and move through your own plan.

All students pursuing a pre-professional program in a health-related field should consult the Health Professions Advisor at the UI Career Center for information about professional schools, prerequisites, admissions tests, etc. To make an appointment call (217) 333-0820.

Year 1

Fall Semester	hours
ACES 101 – Contemporary Issues in ACES	2
HDFS 101 – Issues & Careers in HDFS	1
HDFS 105 – Intro to Human Development	3
HDFS 120 – Intro to Family Studies	3
RHET 105 – Writing for Research, or CMN 101 – Public Speaking, or CMN 111 – Oral & Written Comm I	3-4
CHEM 102+103 – General Chem I and lab	4

Spring Semester	hours
CHEM 104+105 – General Chem II and lab	4
STAT 100 - Statistics	3
IB 150+151 – Org & Evol Bio and lab	5
RHET 105 – Writing for Research, or CMN 101 – Public Speaking, or CMN 112 – Oral & Written Comm II	3-4
Humanities (General Education)	3

Year 2

Fall Semester	hours
CHEM 232+233 – Elem Org Chem I and lab	5
U.S. Minority Cultural Studies (General Education)	3
MCB 150+151 – Molec & Cell Bio and lab	5
PSYC 100 – Intro Psychology	4

Spring Semester	hours
CHEM 332 – Elementary Organic Chem II	4
HDFS 290 – Intro to Research Methods	4
MCB 250 – Molecular Genetics	3
SOC 100 – Introduction to Sociology	4
HDFS 220 – Families in Global Perspective	3

Year 3

Fall Semester	hours
HDFS 301 – Infancy & Early Childhood	4
HDFS 208 – Child Fam with Special Needs	3
MCB 244 – Human Anatomy & Physiology I	3
PHYS 101 - College Physics: Mechanics & Heat	5

Spring Semester	hours
FSHN 120 – Contemporary Nutrition, or CHLH 100 – Contemporary Health	3
HDFS 305 – Middle Childhood	3
MCB 246 – Human Anatomy & Physiology II	3
MCB 450 – Introductory Biochemistry	3
PHYS 102 - College Physics: E&M & Modern	5

Year 4

Fall Semester	hours
ACE 240 – Personal Financial Planning	3
HDFS 401 – Socialization and Development	4
HDFS 494 – Applied Research Methods	2
Humanities (General Education)	3
Elective	3

Spring Semester	hours
ACE 161 – Microcomputer Applications	3
HDFS 405 – Adolescent Development	3
HDFS 494 – Applied Research Methods	2
HDFS Family Studies elective	3
Western Cultural Studies (General Education)	3
Quantitative Reasoning II (General Education)	3