

Pre-Pharmacy

Recommended Courses for HDFS Majors

HDFS students following a pre-pharmacy 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.

MATH 220	Calculus I
MCB 150 + MCB 151	Molecular & Cellular Basis of Life + lab
IB 150 + IB 151	Organismal & Evolutionary Biol + lab
MCB 100 + MCB 101	Introductory Microbiology + lab
MCB 244 + MCB 245	Human Anatomy & Physiology I + lab
MCB 246 + MCB 247	Human Anatomy & Physiology II + lab
MCB 250 or IB 104	Molecular Genetics or Genetics
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
CHEM 332	Elementary Organic Chem II
MCB 354 or MCB 450	Biochem & Phys Basis of Life or Intro Biochemistry
PHYS 101	College Physics: Mechanics & Heat
PHYS 102	College Physics: E&M & Modern

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Sample Four-Year Plan (HDFS Child & Adolescent Development concentration)

[for students starting the HDFS major in or after Fall 2018]

The four-year plan below shows how to meet graduation requirements in the HDFS child and adolescent development concentration while completing a pre-pharmacy 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.

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
MATH 220 – Calculus	5
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
HDFS 120 – Intro to Family Studies	3
IB 150+151 – Org & Evol Bio and lab	4
RHET 105 – Writing for Research, or CMN 101 – Public Speaking, or CMN 112 – Oral & Written Comm II	3-4
PSYC 100 – Intro Psychology	4

Year 2

Fall Semester	hours
CHEM 232+233 – Elem Org Chem I and lab	4
ECON 102 – Microeconomic Principles	3
MCB 244+245 – Human Anat & Phys I and lab	5
STAT 100 – Intro to Statistics	3
Humanities + Western Cultural Studies (General Education)	3

Spring Semester	hours
HDFS 220 – Families in Global Perspective	3
MCB 150+151 – Molec & Cell Bio and lab	4
MCB 246+247 – Human Anat & Phys II and lab	5
SOC 100 – Introduction to Sociology	4

Year 3

Fall Semester	hours
CHEM 332 – Elementary Organic Chem II	3
HDFS 301 – Infancy & Early Childhood	4
HDFS 208 – Child Fam with Special Needs	3
PHYS 101 - College Physics: Mechanics & Heat	5
Humanities + U.S. Minority Cultures (General Education)	3

Spring Semester	hours
ACE 161 – Microcomputer Applications	3
HDFS 305 – Middle Childhood	3
MCB 100+101 – Introductory Microbiology + lab	5
PHYS 102 - College Physics: E&M & Modern	5

Year 4

Fall Semester	hours
ACE 240 – Personal Financial Planning	3
HDFS 290 – Intro to Research Methods	4
HDFS 401 – Socialization and Development	4
HDFS 494 – Applied Research Methods	2
MCB 354 – Biochem & Phys Basis of Life	3

Spring Semester	hours
FSHN 120 – Contemporary Nutrition, or CHLH 100 – Contemporary Health	3
HDFS 405 – Adolescent Development	3
HDFS 494 – Applied Research Methods	3
HDFS Family Studies elective	3
MCB 250 – Molecular Genetics	3