

Pre-Dentistry

Recommended Courses for HDFS Majors

HDFS students following a pre-dentistry 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
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 100 + MCB 101	Intro Microbiology + lab
MCB 244 + MCB 245	Human Anatomy & Physiology I + lab
MCB 246 + MCB 247	Human Anatomy & Physiology II + lab
MCB 250 or IB 204	Molecular Genetics or Genetics
CHEM 332	Organic Chemistry II

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-dentistry 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
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
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 + MCB 245 – Human Anat & Phys I + lab	5
STAT 100 – Intro to Statistics	3
Spring Semester	hours
FSHN 120 – Contemporary Nutrition, or CHLH 100 – Contemporary Health	3
MCB 150 + MCB 151 – Molec & Cell Bio + lab	4
MCB 246 + MCB 247– Human Anat & Phys II + lab	5
SOC 100 – Introduction to Sociology	4
Year 3	
Fall Semester	hours
CHEM 332 – Elementary Organic Chem II	4
HDFS 301 – Infancy & Early Childhood	4
HDFS 208 – Child Fam with Special Needs	3
PHYS 101 - College Physics: Mechanics & Heat	5
Spring Semester	hours
ACE 161 – Microcomputer Applications	3
HDFS 305 – Middle Childhood	3
MCB 250 – Molecular Genetics	3
PHYS 102 - College Physics: E&M & Modern	5
HDFS 290 – Intro to Research Methods	4
Year 4	
Fall Semester	hours
ACE 240 – Personal Financial Planning	3
HDFS 220 – Families in Global Perspective	3
HDFS 401 – Socialization and Development	4
HDFS 494 – Applied Research Methods	2
MCB 352 - Biochem & Phys Basis of Life	3
Humanities/U.S. Minority Cultures (General Education)	3
Spring Semester	hours
MCB 100 + 101 – Intro to Microbiology + lab	5
HDFS 405 – Adolescent Development	3
HDFS 494 – Applied Research Methods	2
HDFS Family Studies elective	3
Humanities and Western Cultural Studies (General Education)	3

