**Pre-Health Professions Concentration**

Many students pursuing an HDFS degree plan to apply to graduate or professional programs in a variety of health professions. The Pre-Health Professions Concentration prepares these students for these careers and supports their goals of obtaining graduate training. Some of the careers students in this concentration pursue are: allied health practitioner, anesthesiologist assistant, child life specialist, chiropractor, dentist, medical doctor, music therapist, naturopathic or complementary medicine practitioner, nurse, occupational therapist, optometrist, pharmacist, physical therapist, physician’s assistant, podiatrist, speech and language pathologist, or veterinarian. The courses within this concentration include a focus on science and also help prepare students to work with individuals (and their families) with disabilities, mental and physical illness, or those experiencing death, dying, or grief.

In addition, students in this concentration are strongly encouraged to consult with pre-professional advisors in the Center for Advising and Student Achievement for specific course (and corresponding course prerequisite) recommendations, as prerequisite requirements vary for graduate and professional programs.

*Students must earn a “C” or higher in concentration courses.*

*Courses may NOT double count for courses fulfilling AUCC, other HDFS requirements, or a second concentration.*

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**Students must complete a minimum of 15 credits from the course options below for the Pre-Health Professions Concentration; with at least 9 credits of HDFS prefix courses and 12 credits of upper division.**

* indicates the course is offered online; See the back page of this document for additional credentials to explore

**HDFS courses (at least 9 credits must be HDFS prefix courses)**
- HDFS 201 (3) Perspectives in Gerontology* (typically fall only course on campus)
- Students may choose only one course among HDFS 410, 411, and 412:
  - HDFS 410 (3) Socio-Emotional Development in Childhood* (available Fall 2016)
  - HDFS 411 (3) Development Transitions in Adolescence* (available Fall 2016)
  - HDFS 412 (3) Mental and Physical Health in Adulthood* (available Fall 2016)
- HDFS 317 (3) Special Needs in Early Childhood* (SLP) (online delivery only)
- HDFS 320 (3) Cognitive and Language Development *(SLP)
- HDFS 332 (3) Death, Dying and Grief* (Gerontology Minor elective, Child Life)
- HDFS 404 (2) Child Life Theory and Practice* (Child Life) (typically spring only course on campus in even years)
- HDFS/FSHN 445 (3) Early Childhood Health, Safety & Nutrition* (General) (delivered through Canvas)

**Additional concentration courses (6 or less credits may be from the list below)**
- BMS 300/302 (4+2) Principles of Human Physiology* plus laboratory (PA, OT, PT, Pharm, OPT, nursing, AA, NM)
- BMS 301 (5) Human Gross Anatomy (PA, OT, PT, Pharm, Optometry, nursing, AA, NM) (take summer or fall)
- BMS 345 (4) Functional Neuroanatomy (OT at CSU only)
- BZ 350 (4) Molecular and General Genetics (PA required at UC-D), Vet, NM)
- CHEM 245 (4) Fundamentals of Organic Chemistry (Nursing)
- CHEM 341 (3) Modern Organic Chemistry I (MD, Opt, Chiro, Pharm, Pod, AA, Dent, NM)
- FSHN 150 (3) Survey of Human Nutrition (Nursing)
- FSHN 444 (1) Nutrition and Aging* (GIM) (delivered through Canvas)
- HES 444 (2) Successful Aging: Role of Physical Activity* (GIM) (delivered through Canvas)
- LIFE 205/206 (3+2) Microbial Biology plus laboratory (Nursing)
- MIP 300/302 (3+2) General Microbiology plus laboratory (Opt, Pharm, Dent, PA, NM)
- OT 110 (3) Introduction to Occupational Therapy* (OT)
- OT 215 (1) Medical Terminology (OT, Child Life, Allied Health) (delivered through Canvas)
- OT 355 (2) The Disability Experience in Society (Gerontology Minor elective, Child Life)
- PH 121 (5) General Physics I (MD, OPT, OT, PT, Chiro, Pharm, Dent, Vet, NM)
- PH 122 (5) General Physics II (MD, OPT, PT, Chiro, Pharm, Dent, Vet, NM)
- PSY 252 (3) Mind, Brain, and Behavior* (OT) (spring only for HDFS students)
- PSY 320 (3) Abnormal Psychology* (OT, PT, PA, Allied Health requires 1 UD PSY course)
- PSY 454 (3) Biological Psychology (OT Allied Health requires 1 UD PSY course)

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- AA- Anesthesiologist Assistant
- Chiro- Chiropractic
- Dent- Dentist
- GIM- Gerontology Minor

**O**
- MD-Physician
- NM- naturopathic medicine pract.
- OPT-Optometry
- OT- Occupational Therapy

**O**
- PA- Physician Assistant
- Pharm-Pharmacy
- PT- Physical Therapy
- SLP- Speech Language Pathologist

Updated 11/10/15
Additional credentials students are encouraged to explore with the Pre-Health Professions Concentration:

*More courses may be needed to acquire the credential.
Students should research the requirements before applying for the credential.*

**Gerontology Interdisciplinary Minor**

*Courses from this concentration's list that can also be applied to this minor:*

1. HDFS 201 (3) Perspectives in Gerontology
2. HDFS 332 (3) Death, Dying and Grief
3. HDFS 412 (3) Mental and Physical Health in Adulthood
4. FSHN 444 (1) Nutrition and Aging
5. HES 444 (2) Successful Aging: Role of Physical Activity
6. OT 355 (2) The Disability Experience in Society

**Biomedical Sciences Minor**

*Courses from this concentration’s list that can also be applied to this minor:*

1. BMS 300/302 (4+2) Principles of Human Physiology plus laboratory
2. BMS 301 (5) Human Gross Anatomy
3. BMS 345 (4) Functional Neuroanatomy