

Kasiska Division of Health Sciences

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Associate Dean and Director, School of Health Professions

Tracy Farnsworth, Ed.D.

Coordinator, Office of Medical and Oral Health

Marvin Sparrell, MPAS

Idaho State University's Kasiska Division of Health Sciences provides continued leadership in the delivery of health care by educating caring and competent professionals across all dimensions of health and promotes collaborative research and practice in the health sciences.

Idaho State University is Idaho's health care university, as designated by the Idaho State Board of Education, and offers 75 percent of the state's health profession degree programs. One third of Idaho State University's graduates receive degrees in the health professions.

The majority of the University's health profession programs are housed in the Kasiska Division of Health Sciences. Nineteen health professional programs, including 35 degrees/options, make up the Division. Several of the Division's programs are offered on both the Pocatello and Meridian campuses, and a number of degrees are offered in an online format. Programs partner with hospitals, clinics and specialized medical facilities throughout the nation to provide state-of-the-art training opportunities for our students.

A mix of classroom and clinical experiences ensures that graduates are prepared for licensing exams and positions in a wide range of health care fields. On-campus and statewide clinics provide students with hands-on training. Fourteen in-house clinics include medicine, dentistry, dental hygiene, audiology, speech pathology, counseling, occupational therapy, physical therapy, vestibular (balance), and wellness. Beyond the basic skill sets associated with clinical practice, we train our students to become leaders in their professions and communities. Doing this requires hiring and retaining nationally recognized faculty, using the most current teaching technologies, and giving students access to the hands-on learning opportunities they need for success.

The Kasiska Division of Health Sciences is organized into six units:

- Institute of Rural Health
- College of Pharmacy
- School of Health Professions
- School of Nursing
- Office of Medical and Oral Health

- School of Rehabilitation and Communication Sciences

Pre-Health Professions Advising

Idaho State University offers advising for pre-health professional students which prepares them for application to and acceptance by a variety of health professional schools. Health professional programs for which advising is offered include: dentistry, medicine, osteopathic medicine, optometry, podiatric medicine, veterinary medicine, physical therapy, occupational therapy, chiropractic, and physician assistant. For students interested in one of the health professional programs offered at Idaho State University, such as medical laboratory science, counseling, dental hygiene, family medicine, health and nutrition sciences, health care administration, nursing, physical therapy, physician assistant, pharmacy, radiographic science, and speech pathology and audiology, the Pre-Health Advisor will refer the students to the appropriate department or college for additional information.

The Pre-Health Professions Advising Office is located in the Department of Biological Sciences, Room 202 of the Life Sciences Building (Building #65 on the Idaho State University map). Students who plan to apply to one of the professional schools listed above should establish and maintain close contact with the Pre-Health Advisor throughout their undergraduate program at Idaho State University. The Pre-Health Advisor monitors students' progress through their degree programs and the health professional prerequisite courses, provides information about application procedures, and organizes informational meetings, workshops, and speakers on specific health professions. The advisor also chairs the Pre-Health Professions Advisory Committee that provides interviews to prepare students for the health professional programs application processes.

Pre-Health Advisor: Jacque Baergen

Committee Members:

Curt Anderson, Ph.D., Biological Sciences
 Ralph Baergen, Ph.D., English and Philosophy
 Kori Bond, D.Mus., Music
 Liz Cartwright, Ph.D., Anthropology
 Karl DeJesus, Ph.D., Chemistry
 Tracy J. Farnsworth, Ed.D., MHSA, MBA, Health Care Administration
 James R. Groome, Ph.D., Biological Sciences
 Margaret Johnson, Ph.D., English and Philosophy
 Kathleen Kangas, Ph.D., Communication Sciences & Disorders
 Dave Martin, MPAS, Physician Assistant Studies
 Jeffrey Meldrum, Ph.D., Biological Sciences
 Jean Pfau, Ph.D., Biological Sciences
 Tony Seikel, Ph.D., Communication Sciences and Disorders
 Allisha Weeden, Ph.D., Dietetics

Idaho Falls Campus:

Catherine Black, MS, Biological Sciences
 Lyle W. Castle, Ph.D., Chemistry
 Barbara Frank, Ph.D., Biological Sciences
 Sharlene Jolley, MS, Chemistry

In general, health professional schools have no preference for specific academic majors. Instead, they prefer that applicants major in a defined academic area (biology, chemistry, psychology, economics, for example) and concurrently satisfy the prerequisite courses for the specific health professional school. Pre-Health professional students should consult with the Pre-Health Advisor or a member of the Pre-Health Professions Advisory Committee in order to successfully combine an academic major with a pre-health professional program.

It is strongly recommended that pre-professional students develop a strong background in courses such as those listed below. Courses required by most health professional schools include, but are not limited to, the following, many of which also satisfy General Education Objectives (<http://coursecat.isu.edu/undergraduate/academicinformation/generaleducation>):

BIOL 1101 & 1101L	Biology I and Biology I Lab	4
BIOL 1102 & 1102L	Biology II and Biology II Lab	4
BIOL 2206	Cell Biology	3
CHEM 1111 & 1111L	General Chemistry I and General Chemistry I Lab	5
CHEM 1112 & 1112L	General Chemistry II and General Chemistry II Lab	4
CHEM 3301	Organic Chemistry I	3
CHEM 3302	Organic Chemistry II	3
CHEM 3303	Organic Chemistry Laboratory I	1
CHEM 3304	Organic Chemistry Laboratory II	1
ENGL 1101 or ENGL 1101P	English Composition English Composition Plus	3-4
ENGL 1102	Critical Reading and Writing	3
PHYS 1111	General Physics	3
PHYS 1112	General Physics II	3
PHYS 1113 & PHYS 1114	General Physics I Laboratory and General Physics II Laboratory	2
PSYC 1101 or SOC 1101	Introduction to General Psychology Introduction to Sociology	3

(Departmental prerequisites may apply to some of these courses.)

In addition to completing specified prerequisite courses, most health professional schools require that the pre-professional student obtain practical experience in the health professional field she or he plans to enter, and take a national standardized admission test. Specific information about the national exams and acceptable practical experiences are included in the sections below.

Chiropractic

The undergraduate courses listed above provide some guidance for the pre-chiropractic student. However, significant differences in pre-requisite coursework by the various chiropractic schools require that students obtain a specific list of requirements for each school. The most current admission requirements for chiropractic schools are described on the schools' websites, which can be accessed through the Association of Chiropractic Colleges website at <http://www.chirocolleges.org>.

Dentistry

The Idaho State University courses listed above provide a core for pre-dental requirements of most dental schools. However, some dental schools have additional requirements. The most current admission requirements for each dental school are described on the schools' websites, which can be accessed through the American Dental Education Association website at <http://www.adea.org>, or by consulting the latest edition of "ADEA Official Guide to Dental Schools," published by the American Dental Education Association, 655 K Street, NW, Suite 800, Washington, D.C. 20001. A copy of this guide is available in the Pre-Health Professions Advising Office. All dental applicants must take the Dental Admission Test (DAT), and have shadowed a practicing dentist prior to applying to the individual schools of dentistry.

Cooperative Program with the Creighton University School of Dentistry

In the fall of 1982, Idaho State University and the Creighton University School of Dentistry implemented a decentralized dental education program, the Idaho Dental Education Program (IDEP). Under this program, up to 8 seats per year at the Creighton University School of Dentistry are reserved for Idaho residents. The first professional year of the dental school program is on the Idaho State University campus in Pocatello. The students then move to the Creighton University School of Dentistry in Omaha, NE for the second, third, and fourth professional years. Idaho residents who wish to be considered for IDEP must apply to Creighton University School of Dentistry and meet all other admission requirements.

Medicine

The undergraduate courses required by most medical schools are the same as those described above. However, many medical schools have additional requirements. The most current admission requirements for each medical school are described on the individual schools' websites, which can be accessed through the Association of American Medical Colleges (AAMC) website at <http://www.aamc.org>, or by subscribing to the "Medical School Admission Requirements, USA and Canada," updated by the Association of American Medical Colleges, One Dupont Circle NW, Washington, D. C. 20036. This information is available in the Pre-Health Professions Advising Office. All medical applicants must take the Medical College Admission Test (MCAT), and have shadowed a practicing physician prior to applying to the individual schools of medicine.

Cooperative Program with the University of Washington School of Medicine

Idaho residents are eligible for the Washington-Wyoming-Alaska-Montana-Idaho (WWAMI) decentralized medical education program of the University of Washington School of Medicine. Currently, the University of Washington reserves 40 seats for Idaho residents, and accepted students are charged an Idaho tuition rate. Idaho residents who wish to be considered for the WWAMI program must apply to the University of Washington School of Medicine, and meet all other admission requirements. Additional information about the WWAMI program is available in the Pre-Health Professions Advising Office.

WWAMI Idaho TRUST - As part of the application process, Idaho WWAMI students can now apply to participate in a focused rural and urban under-served track. The goal of this track, called Idaho TRUST (Targeted Rural Under-served Track), is to allow for a focused medical school experience in rural and urban under-served care, with the eventual goal of returning physicians to practice in the rural and urban under-served areas of Idaho. Idaho TRUST students will have multiple opportunities to experience firsthand the joys and satisfaction of practicing medicine in a rural or urban under-served community. More information is available through the TRUST website: <http://depts.washington.edu/fammed/education/program/trust>.

Cooperative Program with the University of Utah School of Medicine

Idaho residents are eligible to compete for 10 reserved seats at the University of Utah School of Medicine, and those accepted under this program pay an Idaho tuition rate. To be considered for this program, students must apply to the University of Utah School of Medicine, and meet all other admission requirements. Additional information about the Idaho agreement with the University of Utah School of Medicine is available in the Pre-Health Professions Advising Office.

Occupational Therapy, Physical Therapy, Physician Assistant

Advising for each of these professions is available at Idaho State University. Specific pre-professional requirements for these programs can be obtained in

the Physical and Occupational Therapy (<http://coursecat.isu.edu/undergraduate/divisionhealth/physicalandoccupationaltherapy>) section and Physician Assistant Studies (<http://coursecat.isu.edu/undergraduate/divisionhealth/physicianassistantstudies>) section of this catalog.

Students may be advised in satisfying prerequisites not only for these programs at Idaho State University, but also for programs in the same profession located at other institutions. Students may consult with the Pre-Health Advisor for information about prerequisites for admission to these programs at other institutions. Prerequisites for professional programs at other institutions can be met by courses taken at Idaho State University.

Optometry

The undergraduate courses listed above provide some guidance for the pre-optometry student. However, significant differences in pre-optometry requirements by the various optometry schools require that students obtain a specific list of requirements for each optometry school. The most current admission requirements for optometry schools are described on the schools' websites, which can be accessed through the Association of Schools and Colleges of Optometry (ASCO) website at <http://www.opted.org>, or by consulting the latest edition of "Schools and Colleges of Optometry Admission Requirements." This is an electronic publication available on the ASCO website. All optometry applicants must take the Optometry Admission Test (OAT).

Osteopathic Medicine

Admission requirements and undergraduate prerequisite courses for schools of osteopathic medicine are nearly identical to those described under medicine. More information about osteopathic medicine and admission requirements for the individual schools of osteopathic medicine can be found at the American Association of Colleges of Osteopathic Medicine (AACOM) website at <http://www.aacom.org> or by consulting the latest edition of "*Osteopathic Medical College Information Book*," published by the American Association of Colleges of Osteopathic Medicine, 1090 Vermont Ave, NW, Suite 500, Washington, DC 20005. A copy of this publication is available in the Pre-Health Professions Office. All osteopathic medical applicants must take the Medical College Admission Test (MCAT), and have shadowed a practicing physician prior to applying to the individual schools of osteopathic medicine.

Podiatric Medicine

The undergraduate courses listed above are required by most podiatric medical schools. However, some podiatric medical schools may have additional requirements. The most current admission requirements for podiatric medical schools are described on the schools' websites, which can be accessed through the American Association of Colleges of Podiatric Medicine website at <http://www.aacpm.org>, or by consulting the latest edition of "Podiatric Medical Education," available from the American Association of Colleges of Podiatric Medicine, 15850 Crabbs Branch Way, Suite 320, Rockville MD 20855. A copy of this publication is available in the Pre-Health Professions Office. All podiatric medical applicants must take the Medical College Admission Test (MCAT). In addition, most schools of podiatric medicine expect applicants to have shadowed a practicing podiatrist prior to applying to the individual schools of podiatry.

Veterinary Medicine

The undergraduate courses listed above provide some guidance for the pre-veterinary medicine student. However, significant differences in pre-veterinary requirements by the various schools of veterinary medicine require that students obtain a specific list of requirements for each school. The most current admission requirements for veterinary medicine schools are described on the schools' websites, which can be accessed through the Association of American Veterinary Medical Colleges (AAVMC): <http://www.aavmc.org>. Veterinary medicine applicants must take the General Test of the Graduate Record Exam (GRE), and

have volunteer experience with a practicing veterinarian prior to applying to the individual schools of veterinary medicine.

Idaho residents should be aware that a long term agreement has been reached among the states of Washington, Oregon, and Idaho (WOI) to share responsibility for the curriculum and program at the Washington State University College of Veterinary Medicine. The WOI program gives admissions preference to 11 Idaho residents. Students who are not residents of Idaho or any students who wish to apply to other schools of veterinary medicine should consult with the Pre-Health Advisor concerning the proper development of a pre-veterinary medical program at Idaho State University.

Websites of Interest to Pre-Health Professions Students

Most health professions have national associations that maintain detailed websites with information about the profession, the professional schools, and admissions information. The list below includes websites most commonly used by the pre-health professions students.

Chiropractic

- Association of Chiropractic Colleges: <http://www.chirocolleges.org>

Dentistry

- American Dental Association: <http://www.ada.org>
- American Dental Education Association: <http://www.adea.org>

Medicine

Allopathic (M.D.)

- Association of American Medical Colleges (AAMC): <http://www.aamc.org>

Osteopathic (D.O.)

- American Association of Colleges of Osteopathic Medicine (AACOM): <http://www.aacom.org>

Podiatric (D.P.M.)

- American Association of Colleges of Podiatric Medicine (AACPM): <http://www.aacpm.org>

Occupational Therapy

- American Occupational Therapy Association: <http://www.aota.org>

Optometry

- Association of Schools and Colleges of Optometry (ASCO): <http://www.opted.org>

Physical Therapy

- American Physical Therapy Association (APTA): <http://www.apta.org>

Physician Assistant

- American Academy of Physician Assistants: <http://www.aapa.org>
- Physician Assistant Education Association: <http://www.paeonline.org>

Veterinary Medicine

- Association of American Veterinary Medical Colleges (AAVMC): <http://www.aavmc.org>

Interprofessional Geriatric Certificate

To receive this certificate, the student would also be required to complete a bachelors or graduate degree from ISU concurrently.

DHS 4402	Survey of Aging Issues	3
DHS 4403	Interprofessional Systems in Geriatric Management	3
DHS 4404	Geriatric Interprofessional Collaborative Practice Internship	2
Total Hours		8

Courses

DHS 3399 Experimental Course: 1-6 semester hours.

This course is not described in the catalog. The course title and number of credits are announced in the class schedule by the scheduling department. Experimental courses may be offered no more than three times.

DHS 4401 Mindfulness in Health Science: 1-2 semester hours.

Basic mindfulness practice to increase stress tolerance, compassion and immune system functioning. Students will learn meditation, mindful movement and other practices for their own benefit and will learn to teach them to others. May be repeated. F

DHS 4402 Survey of Aging Issues: 3 semester hours.

Introduction to the broad spectrum of issues involved in the study of aging. Theories of aging, health promotion, demography, and multicultural aging are some topics presented in survey fashion. PREREQ: Junior standing. F

DHS 4403 Interprofessional Systems in Geriatric Management: 3 semester hours.

Application of principles and concepts necessary to integrate theory into the practice of care coordination and management of the older adult. The scope and competencies of healthcare professionals in caring for the older adult are explored. PREREQ: Junior standing; C or better in DHS 4402. S

DHS 4404 Geriatric Interprofessional Collaborative Practice Internship: 2 semester hours.

Practical experience in health care arenas focusing on the older adult. This includes a capstone project related to the application of principles and concepts of interprofessional collaborative practice. PRE-or-COREQ: DHS 4403. PREREQ: Junior standing; C or better in DHS 4402. S

DHS 4405 Effects of Mindfulness Practice: 1 semester hour.

This course examines physical, medical, psychological and neurophysiological effects of mindfulness meditation on the patient and clinician, from an interprofessional perspective. PREREQ: DHS 4401/DHS 5501 or DHS 4406/DHS 5506. S

DHS 4406 The Mindful Practitioner: 2 semester hours.

This seminar for the clinical practitioner in health professions discusses the direct effects of mindful meditation practice on clients and practitioners, and provides advanced mindfulness practice training. F

DHS 4407 Experience in Human Anatomy: 1 semester hour.

Provides experience with prosected human cadaver specimens under direct supervision and guidance by DHS faculty member. PREREQ: Permission of instructor. F, S

DHS 4408 Mindfulness and Self Compassion: 1 semester hour.

This seminar for the clinical practitioner in health professions discusses the direct effects of mindful meditation and compassion practice on clients and practitioners, and provides advanced mindfulness and compassion practice training. PRE-or-COREQ: DHS 4401/DHS 5501 or DHS 4406/DHS 5506. S

DHS 4409 Mindful Education Creating Compassionate Community: 1 semester hour.

This seminar for the education professional discusses the direct effects of mindful meditation practice on educators and their students, K-12, and provides advanced mindfulness training and explores strategies for integrating these practices into the classroom. PRE-or-COREQ: DHS 4401/DHS 5501 or DHS 4406/DHS 5506. S

DHS 4410 Fundamentals of Mindfulness: 2 semester hours.

This course provides the student with core skills and practice in multiple forms of mindfulness meditation. The course emphasizes developing functional application of mindfulness practices in all daily activities. F

DHS 4417 Interdisciplinary Evaluation Team: 1 semester hour.

Introduction to principles, techniques of interdisciplinary evaluation. Disciplines emphasized: Audiology, Dietetics, Nursing, Occupational Therapy, Physical Therapy, Psychology, Social Work, Special Education, Speech-Language Pathology. Equivalent to CSD 4417, NURS 4417, PSYC 4417, and SOWK 4417. PREREQ: Permission of instructor. S

DHS 4426 Evidence Based Research in Health Sciences: 3 semester hours.

Study of the use of current research evidence in health care decision-making. Topics include critical analysis of health-related information, biostatistics, and application of evidence-based practice to health care. PREREQ: MATH 1153 or MGT 2216. F, S

DHS 4480 Genetics for Health Care Professionals: 2 semester hours.

An in-depth, interdisciplinary review of the impact of genetics on patients and patient care and the biological, social, ethical and legal issues surrounding genetics and genomics. Equivalent to CSD 4480 and NURS 4480. Su

DHS 4499 Experimental Course: 1-6 semester hours.

This course is not described in the catalog. The course title and number of credits are announced in the class schedule by the scheduling department. Experimental courses may be offered no more than three times.