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Medical Education Preparation (MEDPREP)..... 1

Medical Education Preparation (MEDPREP)

Medical/Dental Education Preparatory Program

MEDPREP is a post baccalaureate program within the Southern Illinois University School of Medicine. Courses are restricted to MEDPREP students only. Admission to MEDPREP is by direct application to the program. Contact the [MEDPREP admissions](#) coordinator for information.

Medical Education Preparation (MEDPREP) Courses

MEDP400A - MEDPREP Seminar-Orientation Seminar on social, professional, and scientific issues of interest to students planning a career in medicine or dentistry. Required of first-year MEDPREP participants. Restricted to MEDPREP students. Credit Hours: 1. Credit Hours: 1

MEDP400B - MEDPREP Seminar-Medical/Dental Seminar Seminar on social, professional, and scientific issues of interest to students planning a career in medicine or dentistry. Required of first-year MEDPREP participants. Restricted to MEDPREP students. Credit Hours: 1. Credit Hours: 1

MEDP400C - MEDPREP Seminar-Medical/Dental Seminar II Seminar on social, professional, and scientific issues of interest to students planning a career in medicine or dentistry. Required of first-year MEDPREP participants. Restricted to MEDPREP students. Must be taken in A,B,C sequence. Mandatory Pass/Fail. Credit Hours: 1

MEDP401A - Academic Enrichment Development of skills critical for academic and clinical success in health professions training. Restricted to MEDPREP students. Credit Hours: 1

MEDP401B - MEDPREP Skills-Prematriculation Focus on skills critical for academic success for students preparing to enter medical, dental or other health profession schools. Restricted to MEDPREP students. Credit Hours: 1-3

MEDP401C - MEDPREP Skills-Quantitative Skills Focus on skills critical for academic success in preprofessional and professional training. Restricted to MEDPREP students. Credit Hours: 1-3

MEDP401D - MEDPREP Skills-Problem Solving (P/F only) Focus on skills critical for academic success in preprofessional and professional training. Restricted to MEDPREP students. Credit Hours: 1-3

MEDP401E - MEDPREP Skills-Convocation Focus on skills critical for academic success in pre-professional and professional training. Required for traditional-track (UG) MEDPREP students, to be taken each fall and spring semester while enrolled in the program. Restricted to MEDPREP students. Credit Hours: 1. Credit Hours: 1

MEDP401F - MEDPREP Skills-Critical Reading Skills Focus on skills critical for academic success in preprofessional and professional training. Restricted to MEDPREP students. Credit Hours: 1-3

MEDP401G - MEDPREP Skills-Critical Reading Skills I Focus on critical reading skills critical for academic success in health professional career training. Restricted to MEDPREP students. Credit Hours: 1-3. Credit Hours: 1-3

MEDP401H - MEDPREP Skills-Critical Reading Skills II Focus on critical reading and textual analysis skills critical for academic success in health professional career training. Restricted to MEDPREP students. Credit hours: 1-3. Credit Hours: 1-3

MEDP401I - Career Development Skills Focus on skills critical for academic success in pre-professional and professional training. Restricted to MEDPREP students. Credit Hours: 1. Credit Hours: 1

MEDP402A - Behavioral and Social Sciences Applications Application of topics in psychology, sociology and other social sciences to current societal issues. Research methodologies and critical analysis are emphasized. Includes preparation for MCAT/DAT. Restricted to MEDPREP students. Credit Hours: 1-3

MEDP402B - MEDPREP Special Problems-Research Seminar Seminars, workshops, lectures, and field experiences related to preparing the student for medical/dental school and careers in medicine or dentistry. Restricted to MEDPREP students. Credit Hours: 1-2

MEDP402C - MEDPREP Special Problems-Clinical Experience, mandatory P/F Seminars, workshops, lectures, and field experiences related to preparing the student for school and careers in medicine/dentistry. Restricted to MEDPREP students. Credit Hours: 1-2

MEDP402D - MEDPREP Special Problems-Problem-Based Learning (P/F only) Seminars, workshops, lectures, and field experiences related to preparing the student for medical/dental school and careers in medicine or dentistry. Restricted to MEDPREP students. Credit Hours: 3

MEDP402E - MEDPREP Special Problems-Independent Readings Seminars, workshops, lectures, and field experiences related to preparing the student for medical/dental school and careers in medicine or dentistry. Restricted to MEDPREP students. Credit Hours: 1-2

MEDP402F - MEDPREP Special Problems-Independent Research Seminars, workshops, lectures, and field experiences related to preparing the student for medical/dental school and careers in medicine or dentistry. Restricted to MEDPREP students. Credit Hours: 1-2

MEDP403A - MEDPREP Biology Applications-Medical Genetics Content may be supplemental (to concurrent biological science courses), additional (permitting acceleration), or preparational for the MCAT/DAT. Restricted to MEDPREP students. Credit Hours: 1-3

MEDP403B - MEDPREP Medical Pharmacology Content may be supplemental (to concurrent biological science courses), additional (permitting acceleration), or preparational for the MCAT/DAT. Restricted to MEDPREP students. Credit Hours: 1-3

MEDP403C - MEDPREP Biology Applications-Cardiovascular Physiology Content may be supplemental (to concurrent biological science courses), additional (permitting acceleration) or preparational for the MCAT/DAT. Restricted to MEDPREP students. Credit Hours: 1-3

MEDP403D - MEDPREP Biology Applications-Embryology Content may be supplemental (to concurrent biological science courses), additional (permitting acceleration), or preparational for the MCAT/DAT. Restricted to MEDPREP students. Credit Hours: 1-3

MEDP403E - MEDPREP Biology Applications-Medical Immunology Content may be supplemental (to concurrent biological science courses), additional (permitting acceleration), or preparational for the MCAT/DAT. Restricted to MEDPREP students. Credit Hours: 1-3

MEDP403F - MEDPREP Biology Applications-Hormonal Regulation Content may be supplemental (to concurrent biological science courses), additional (permitting acceleration), or preparational for the MCAT/DAT. Restricted to MEDPREP students. Credit Hours: 1-3

MEDP403G - MEDPREP Biology Applications-Biology Applications Content may be supplemental (to concurrent biological science courses), additional (permitting acceleration), or preparational for the MCAT/DAT. Restricted to MEDPREP students. Credit Hours: 1-6

MEDP403H - MEDPREP Biology Applications-Neural Science Content may be supplemental (to concurrent biological science courses), additional (permitting acceleration), or preparational for the MCAT/DAT. Restricted to MEDPREP students. Credit Hours: 1-6

MEDP403I - MEDPREP Biology Applications-Biology Problem Solving Content may be supplemental (to concurrent biological science courses), additional (permitting acceleration), or preparational for the MCAT/DAT. Restricted to MEDPREP students. Credit Hours: 1-3

MEDP404A - MEDPREP Chemistry Applications-Inorganic Chemistry Applications Content may be supplemental (to concurrent preprofessional chemistry courses), additional (permitting acceleration), or preparational for the MCAT/DAT. Restricted to MEDPREP students. Credit Hours: 1-3

MEDP404B - MEDPREP Chemistry Applications-Inorganic Chemistry (For Dental Students) Content may be supplemental (to concurrent preprofessional chemistry courses), additional (permitting acceleration), or preparational for the MCAT/DAT. Restricted to MEDPREP students. Credit Hours: 1-3

MEDP404C - MEDPREP Chemistry Applications-Organic Chemistry Applications Content may be supplemental (to concurrent preprofessional chemistry courses), additional (permitting acceleration), or preparational for the MCAT/DAT. Restricted to MEDPREP students. Credit Hours: 1-3

MEDP404D - MEDPREP Chemistry Applications-Organic Chemistry for Dental Students Content may be supplemental (to concurrent preprofessional chemistry courses), additional (permitting acceleration), or preparational for the MCAT/DAT. Restricted to MEDPREP students. Credit Hours: 1-3

MEDP404E - Medical Biochemistry Topics in biological chemistry and biochemistry, with an emphasis on impact of cellular-level biochemistry and metabolic processes on physiological systems, human health and human disease. Restricted to MEDPREP students. Credit Hours: 1-3

MEDP404F - MEDPREP Chemistry Applications-Chemistry Problem Solving Content may be supplemental (to concurrent preprofessional chemistry courses), additional (permitting acceleration), or preparational for the MCAT/DAT. Restricted to MEDPREP students. Credit Hours: 1-3

MEDP405A - MEDPREP Physics Applications Content may be supplemental (to concurrent preprofessional physics courses), additional (permitting acceleration), or preparational for the MCAT. Restricted to MEDPREP students. Credit Hours: 1-6

MEDP405B - MEDPREP Physics Applications-Physics Problem Solving Content may be supplemental (to concurrent preprofessional physics courses), additional (permitting acceleration), or preparational for the MCAT. Restricted to MEDPREP students. Credit Hours: 1-3

Medical Education Preparation (MEDPREP) Faculty

Bondzi, Cornelius., Instructor, Microbiology and Immunology, Ph.D., Virginia Commonwealth University, 2000.

Gary, Mallory, Instructor, Health Education, Ph.D., Southern Illinois University Carbondale, 2012.

Jones, Kathleen A., Instructor, Educational Administration Higher Education, Ph.D., Southern Illinois University, 2016.

Metz, Anneke, Interim Director, Biochemistry, Ph.D., University of Texas Austin, 1998.

Paul, Gina, Associate Professor, Education/Reading, Ph.D., Southern Illinois University, 2001.

Weilbaecher, Rodney, Research Assistant Professor, Molecular and Cellular Physiology, Ph.D., University of California Berkeley, 1997.

Emeriti Faculty

Bardo, Harold R., Director, Emeritus, Ph.D., Southern Illinois University, 1972.

Chaklos, Mary S., Instructor, Emerita, Chemistry and Biochemistry, Ph.D., Southern Illinois University, 1979.

Henry, Paul, Associate Professor, Emeritus, Counselor Education/Educational Psychology, Ph.D., Southern Illinois University, 1982.

Herrold, Linda K., Instructor, Assistant Dean, Student Affairs, Emerita, School of Medicine, Mathematics, M.S., Southern Illinois University, 1990.

Jackson, Evelyn W., Associate Professor, Emerita, Education/Reading, Ph.D., Southern Illinois University, 1975.

Szary, Barbara, Instructor, Immunology, Emerita, Ph.D., Institute of Immunology and Experimental Therapy, Poland, 1977.

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