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aster's and Doctor of Philosophy Programs

The Graduate School at UAMS offers graduate programs taught by faculty members whose academic appointment is in the College of Medicine. These programs lead to master's degrees in the following fields: Biochemistry and Molecular Biology, Interdisciplinary, Biomedical Sciences, Interdisciplinary Toxicology, Microbiology and Immunology, Neurobiology and Developmental Sciences, Pharmacology and Physiology and Biophysics. In addition, programs are offered leading to the degree of Doctor of Philosophy in Biochemistry and Molecular Biology, Interdisciplinary Biomedical Sciences, Interdisciplinary Toxicology, Microbiology and Immunology, Neurobiology and Developmental Sciences, Pharmacology, and Physiology and Biophysics. Students who wish to enroll in any of these programs should apply to the Graduate School Office at UAMS.

Programs leading to M.D./Ph.D. and M.D./M.P.H. combined degrees are possible. Admission to the College of Medicine and to the appropriate college offering the other degree (MPH for example) must be obtained separately.

P

ostdoctoral Medicine

Medical students spend an appreciable amount of time in a hospital setting, particularly during the junior and senior years. During this time there is extensive supervision and patient related instruction. After the Doctor of Medicine degree is awarded, the trainee moves into the internship or residency period which is based almost entirely in the hospital or clinics. During this time increasingly heavy responsibility for patient care and in-depth clinical education is assumed under faculty supervision. Formal conferences and seminars are held at regular intervals and bedside teaching sessions occur daily. Voluntary faculty join the full-time faculty in instructional activities. The first-postdoctoral year is called the internship or first year of residency. The period of clinical education as a resident physician varies, usually from three to five years. Fellowships are available after the residency is completed; these allow further opportunities to focus on one subspecialty field of clinical medicine or for research.