



**College of Science and Mathematics**  
**PRE-MEDICAL STUDIES – ADVANCED CURRICULUM**  
*Post-Baccalaureate Certificate Program*

**Wright States University's Pre-Health Program** offers the highly motivated, dedicated student intent on a career in medicine, dentistry, veterinary medicine, or other related profession a Post-Baccalaureate Certificate in Pre-Medical Studies. The certificate program provides the opportunity to study the sciences and prepare for entrance into competitive professional programs in the health sciences.

**The ADVANCED Studies** is designed for the student who have completed the basic sciences and desire to complete additional advanced science courses to strengthen their science G.P.A.s and knowledge within the biomedical sciences. The curriculum requires the completion of 30 semester hours (23 at WSU) of advanced sciences and multicultural electives.

**Admission Requirements:** To enter the program, a completed certificate application and transcript(s) from a regionally accredited university must be sent for review by the Pre-Professional Health Program. Applicants will be interviewed by the program director and assisted in developing a course of study.

Successful Applicants will have certain qualities, including:

- an overall GPA of 3.0 in the last 90 semester hours or overall;
- previous healthcare profession experience through volunteer work, shadowing or employment;
- demonstrated ability and work ethic to succeed academically;
- self-awareness, self-motivation and independence.

**Special Program Features:**

- Personalized, one-on-one advising and support
- Customized program of study to meet requirements of specific health professional schools
- Volunteer and research opportunities
- Comprehensive letter of recommendation written by the Director of Pre-Health Program for those who complete the program
- Certificate of Completion awarded with successful completion of the program
- Applicants may pursue the certificate on a full-or part-time basis

**Certificate Requirements:**

<p><b>Required Courses</b> (14 credit hours required)</p> <p>ANT 3100 (4) Human Structure &amp; Function I  ANT 3120 (4) Human Structure &amp; Function II  BMB 4210 (3) Biochemistry I  BMB 4230 (3) Biochemistry II</p>	<p><b>Cultural Competency Related Courses</b> (6 credit hours required)</p> <p>AFS 2000 (3) African American Experience  ATH 2500 (3) Anthropology  ATH 4210 (3) Biomedical Anthropology  COM 1040 (3) Human Communication  COM 4250 (3) Intercultural Communication  PHL 3000 (3) Critical Thinking  PHL 3780 (3) Bioethics  PSY 3510 (3) Social Psychology  SOC 3600 (3) Social Inequality  SOC 3610 (3) Sociology of Gender  SOC 3620 (3) Race &amp; Ethnicity  SOC 3810 (3) Medical Sociology  WMS 2000 (3) Intro to Sexuality Studies</p>
<p><b>Advanced Science Electives</b> (10 credit hours required)</p> <p>BIO 2110 (3) Genetics  BIO 2120 (3) Cell Biology  BIO 3100 (5) Clinical Microbiology w/ lab  BIO 4430 (5) Histology  CHM 3120 (5) Analytical Chemistry  M&amp;I 4260 (3) Immunology  M&amp;I 4310 (3) Virology  MTH 2240 (4) Applied Calculus or MTH 2300 (4) Calculus I  STT 2640 (4) Elem. Statistics or STT 1600 (4) Statistical Conc.</p>	
<p><b>General WSU Electives (6 hours):</b> General electives from any department that generates college credits.</p>	

