



## ***Post Baccalaureate Pre-Medical Professions Program***

While careers in the medical professions offer many rewards, the path to reach those careers can often be difficult. This can be a particularly arduous task for students who have already completed a baccalaureate degree in a non-science major and must return to school to complete the pre-medical science prerequisites. For this reason, the University of Hartford has established a Post Baccalaureate Pre-Medical Professions Program. This program is designed for students who wish to pursue a career in a medical profession (medicine, osteopathy, dentistry, optometry, veterinary, chiropractic, podiatry, etc.) and have already completed a bachelor's degree. The specific program of study will be individualized to meet the student's needs based on previous academic experience and professional goals. Students who complete at least 30 credits of undergraduate science/math coursework at the University of Hartford and obtain a 3.0 or better GPA with no grade below a "B-" will be awarded a *Post Baccalaureate Pre-Medical Professions* certificate and will be eligible for an interview and letter of evaluation for application to medical professional school from the Premedical Professions Advisory Committee. Students who complete at least 16 credits (four 4-credit lab science courses) and obtain a 3.0 or better GPA with no grade below a "B-" will be eligible for an interview and letter of evaluation.

**Science/math prerequisites for medical professions programs vary with each school but in general all pre-medical professions students must complete the following basic science courses:**

|               |                                   |
|---------------|-----------------------------------|
| BIO 122, 123  | Biological Science (5, 5 credits) |
| <i>and/or</i> |                                   |
| BIO 212, 213  | Anatomy & Physiology (4, 4)       |
| CH 110, 111   | College Chemistry (4, 4)          |
| CH 230, 231   | Organic Chemistry (4, 4)          |
| PHY 120, 121  |                                   |

**Math requirements vary depending on the specific profession and school but most often include:**

|            |                |
|------------|----------------|
| M 144, 145 | Calculus (4-8) |
| M 114      | Statistics (3) |

**The following additional courses are strongly suggested:**

*Two or more additional biology courses chosen from:*

|              |                             |
|--------------|-----------------------------|
| BIO 212, 213 | Anatomy & Physiology (4, 4) |
| BIO 352      | Cell Biology (4)            |
| BIO 372, 373 | Genetics (3, 1)             |
| BIO 442      | Microbiology (4)            |
| <i>or</i>    |                             |
| BIO 440      | Medical Microbiology (4)    |
| BIO 444, 445 | Biochemistry* (3, 2)        |

*(\*required/strongly recommended by most dental and osteopathic medicine schools and strongly recommended for pre-chiropractic students)*

**Pre-Medical Professions Studies Advising Courses: PPS 100, 200, 300 (1 credit each)\***

These courses are designed to assist pre-medical professions students in achieving their goal by assisting and guiding them in the following areas:

|   |   |
|---|---|
| Portfolio development                       | Exploring professional organizations          |
| Developing an application time-line         | Identifying professional schools of interest  |
| Understanding current issues in health care | Procuring clinical and/or research experience |
| Interview skills                            | Admission test preparation                    |
| The application process                     |   |

\*Post Baccalaureate students are not required to take these courses but may do so if they desire.

**Post Baccalaureate pre-medical students who do not take the advising courses will still be advised and guided by a member of the Pre-medical Professions Advisory Committee. The Pre-medical Professions Advisory Committee members are:**

Peg Ciarcia, (Chair) Health Science Program Director, [ciarcia@hartford.edu](mailto:ciarcia@hartford.edu) † ε δ  
Yvette Blanchard, Assistant Professor of Physical Therapy, [blanchard@hartford.edu](mailto:blanchard@hartford.edu)  
Joanna D. Borucinska, Associate Professor of Biology, [borucinsk@hartford.edu](mailto:borucinsk@hartford.edu) γ  
Caryn Christensen, Associate Professor of Psychology, [christens@hartford.edu](mailto:christens@hartford.edu)  
Jane Horvath, Associate Professor of Economics, [horvath@hartford.edu](mailto:horvath@hartford.edu)  
Don Jones, Assistant Professor of Rhetoric, Language and Culture, [djones@hartford.edu](mailto:djones@hartford.edu)  
Scot Magnotta, Assistant Professor of Biology, [smagnotta@hartford.edu](mailto:smagnotta@hartford.edu) †  
Michael Nowak, Assistant Professor of Engineering, [nowak@hartford.edu](mailto:nowak@hartford.edu)  
James Shattuck, Associate Professor of Chemistry, [shattuck@hartford.edu](mailto:shattuck@hartford.edu) δ  
Harry Workman, Professor of, [workman@hartford.edu](mailto:workman@hartford.edu) †

† Pre-medical Advisor

δ Pre-dental Advisor

ε Pre-optometry, Pre-chiropractic, and Pre-podiatry Advisor

γ Pre-veterinary Advisor

**For more information, contact:**

The Office of Graduate & Adult Academic Services  
University of Hartford  
200 Bloomfield Avenue  
West Hartford, CT 06117-1599  
(860) 768-5010

**University Web site:** [www.hartford.edu](http://www.hartford.edu)

**Pre-Med Web site:** <http://uhaweb.hartford.edu/premed>