



PPB 850: Clinical Pharmacology Review for Naturopathic Physicians

This three-credit course in clinical pharmacology review was designed for naturopathic physicians in preparation for obtaining prescriptive authority as defined by their state's law.

At the conclusion of this course, students will be able to:

- Describe fundamental pharmacologic principles including dose-response relationships, drug-receptor binding, drug metabolism and elimination, and the basic pharmacokinetic principles.
- Describe the effects of drugs used in the treatment of autonomic, cardiovascular, renal, hematological, endocrine, respiratory, musculoskeletal, and central nervous system disorders.
- Select appropriate antimicrobial drug treatment based on knowledge of the various types of infections.
- Analyze the similarities and differences between these drugs with specific reference to their mechanisms of action, therapeutic indications, principle adverse effects, major drug interactions, and specialized delivery systems, when appropriate.
- Apply the principles of chemistry, biochemistry, pharmacology, physiology, and pathophysiology to the individualization of drug selection and analysis of clinical case studies.
- Describe relevant dietary and nutritional considerations needed to augment treatment.



To enroll in PPB 850:

- Visit <http://online.mcphs.edu/register>
- Navigate to PPB 850 in the alphabetical course listing and click “Add”
- Once the course has been added to your shopping cart, you can view it at the top of the page
- Click “Continue to User Info”
- Complete all required fields and then select “Continue to Payment”
- Verify that the course section and title are accurate. PPB 850 is a graduate level course, so tuition is \$900/credit. Your shopping cart should total \$2700.
- Enter your credit card number and click “Complete Registration”
- You will be registered for the course and should receive a username and password from the University within 4-5 business days.

Have more questions if this course is right for you?

Questions about PPB 850 may be directed to Lana Dvorkin at lane.dvorkincamiel@mcphs.edu or Phung On at phung.on1@mcphs.edu.

If you are having difficulty with registration for the course, or the section is closed, please call MCPHS Online at 508.373.5890 or email online@mcphs.edu.