Principles of Pharmacokinetics DPET 855  
Fall 2009  
Classes:  80 minutes twice per week  
Course Director:  Mary F. Paine  
Eshelman School of Pharmacy, UNC-Chapel Hill  

The course is taught by a core team of UNC faculty with expertise in pharmacokinetics.

**Course objectives**

1. Review fundamental principles underlying pharmacokinetic systems.  
2. Introduce principles of pharmacokinetic model development, utilizing common kinetic systems as examples.  
3. Discuss a variety of techniques used to recover estimates of key pharmacokinetic parameters.