

## CMFIT Optional Courses

**INP 585:** Fundamentals of Neuroimaging – Hyder, Goldfarb, Rothman  
**CDE 516:** Principles of Epidemiology II – Ferrucci  
**ENAS 510:** Physical and Chemical Basis of Biosensing – Rothman, Hillmer  
**ENAS 518:** Quantitative Approaches in Biophysics and Biochemistry – Berro, Xiong  
**ENAS 523:** Data and Clinical Decision-Making – Onofrey, Choma  
**ENAS 522:** Engineering and Biophysical Approaches to Cancer – Mak  
**ENAS 526:** Clinical Knowledge for an Engineer – Tommasini, Wiznia  
**ENAS 549:** Biomedical Data Analysis - Carson  
**ENAS 561:** Modeling Biological Systems – Emonet, Howard  
**BIS 540:** Fundamentals in Clinical Trials – Kyriakides  
**BIS 550:** Topics in Biomedical Informatics and Data Science – Jarad  
**BIS 557:** Computational Statistics – Kane \*  
**BIS 634:** Computational Methods for Informatics – McDougal \*  
**IMED 645:** Introduction to Biostatistics in Clinical Investigation – Shabanova, Shapiro \*  
**B&BS 680:** Topics in Human Investigation – Craft, Anderson  
**CB&B 663:** Deep Learning Theory and Applications – Krishnaswamy  
**STAT 505:** Intro to Statistics: Medicine – Reuning-Scherer \*  
**S&DS 530:** Data Exploration and Analysis – Meyers \*  
**CPSC 516:** Algorithms via Convex Optimization – Vishnoi

*\*Indicates a course in statistics*