CATER Training Program

Course Outline for CATER trainees:

**Bioengineering**
- Engineering Mathematics
- Statistics for Engineers
- Societal, Political & Ethical Issues
- Molecular Cell Biology & Biophysics I
- Molecular Cell Biology & Biophysics II
- Teaching Practicum

**IBGP**
- Foundations of Biomedical Sciences
- Foundations Conference Seminar
- Statistical Methods
- Scientific Ethics
- Laboratory Rotation Research

**Year 1**
- Program Required Courses & Lab
  - Internship during fall term

**Year 2**
- Program Required Courses & Lab
  - Stem Cells
  - Cell Therapy
  - (select 1/2)

**Year 3**
- Program Required Courses & Lab
  - Mechanisms of Tissue Growth & Differentiation
  - Developmental mechanisms of human disease
  - Angiogenesis
  - (select 1/3)

**Year 4**
- Internship during fall term
  - Lab
  - CATER Seminars (Fall and Spring Semester)
  - Internship (select 1/2)

**Year 5**
- Lab
  - CATER Seminars (Fall and Spring Semester)