

Biotechnology Training Program Trainee Checklist 2017

Participation Requirements:

- Biotech Forum (usually meets every month)
- Assigned Forum committee (meets monthly)
- Sponsored Symposia, Seminars or Workshops (annually)

Rotation Requirements:

Each rotation must be a minimum of 8 weeks and a report must be submitted before the rotation is considered "complete".

- Rotation #1 (Lab/Dates): _____
- Rotation #2 (Lab/Dates): _____
- Rotation #3 (Lab/Dates): _____
- OPTIONAL Rotation #4 (Lab/Dates): _____

Student must get Program approval when selecting thesis advisor.

- Thesis Advisor: _____

Internship Requirements:

Industrial internships should be a minimum 2-3 months in length and must be approved by Program director before starting. A report must be submitted before the internship is considered "complete".

- Internship (Company/Dates): _____

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Coursework Requirements

- Completed MBIOS 513 (General Biochemistry I)
- Completed MBIOS 574/CH E 574 (Protein Biotechnology)
- Completed PHIL 530 (Bioethics)
- Completed one (or more) of the following:
 - CH E 560 (Biochemical Engineering)
 - CH E 581 (Biofilms)
 - CHEM 514 (Mass Spectrometry)
 - CHEM 543 (Bioorganic & Medicinal Chemistry)
 - CHEM 544 (Reaction Enzyme Mechanisms)
 - E MIC 586/587 (Special Topics and Projects in Electron Microscopy)
 - HORT 518 (Postharvest Biology and Technology)
 - MBIOS 503 (Molecular Biology I)
 - MBIOS 504 (Molecular Biology II)
 - MBIOS 508 (Quantitative Approaches in Molecular Biosciences)
 - MBIOS 514 (General Biochemistry II)
 - MBIOS 540 (Immunology)
 - MBIOS 542 (General Virology)
 - MBIOS 566 (Physical Biochemistry)
 - MBIOS 578 (Bioinformatics)
 - MPS 525 (Plant Molecular Genetics)

- PL P 535 (Molecular Genetics of Plant-Pathogen Interactions)
- V PH 505 (Design and Analysis of Biomedical Experiments)
- V PH 555 (General and Cellular Physiology)