BIOTECHNOLOGY TRAINING OPPORTUNITIES and TIMELINE

Biotechnology Program Activities (throughout WSU career):
- Monthly Biotech Forum (meets 1st Wednesday @ 4PM, 8 meeting/year, spring and fall semester)
- Annual Biotechnology Symposium presentations (each spring)
- Reports for reflection and NIH accountability (each fall, also at end of 24-mo financial assistantship)
- Biotech committee activity (occasional, we have various opportunities)

Rotations and Lab Selection (1st year): Jump to guidance
- Submit Rotation Plan. Meet with director & coordinator. First week of fall semester.
- Submit Rotation Report #1/NIH Report. Due October 15.
- Submit Rotation Report #2 online. Due December 15.
- Submit Rotation Report #3 online. Due March 1. Meet with director & coordinator.
- Print and sign Thesis Selection Form. Send to Director & Coordinator. Due upon selecting lab.

2-3 month Industrial Internship (by end of 2nd year) Jump to guidance
- Submit Internship Plan online. Meet with director & coordinator. Print and sign Internship Approval Form (due before you leave for internship).
- Submit Internship Report online (due upon return.)
- Present on your internship to the program (will be coordinated by student officers).

Coursework
- MPS/MBIOS/CHE 574 (Protein Biotechnology) (Cohort class, Fall of first year)
- MBIOS 513 (General Biochemistry I) (Fall, most take first year)
- THREE specific one-credit modules in Topics in Biomedical Experimentation (listed in various departments as X_564). Can be done sequentially or concurrently (Spring of 1st year).
  - Biomedical Ethics  
  - Responsible Conduct in Research  
  - Experimental Design
- Complete three credits of electives (one class) from the elective list. (jump to list of eligible electives)

Graduate College Certificate
- Fill out application from the Graduate College. Please note the deadlines and fee payments are before you schedule your PhD defense.
Biotechnology Training Program
Electives for Protein Biotechnology Certificate

NOTE: The elective can simultaneously fulfill home program and Biotech requirements.

☐ Completed one (or more) of the following electives:

☐ BIO_ENG 550 (Cellular Bioengineering)
☐ CHE 560 (Biochemical Engineering)
☐ CHE 581 (Biofilms)
☐ CHE 581-07 (Molecular Dynamics Simulations for Bioengineers)
☐ CHEM 543 (Bioorganic Chemistry)
☐ CHEM 572 (Reaction Enzyme Mechanisms)
☐ E_MIC 586/587 (Special Topics and Projects in Electron Microscopy)
☐ HORT 518 (Postharvest Biology and Technology)
☐ MBIOS 501 (Cell Biology)
☐ MBIOS 503 (Advanced Molecular Biology)
☐ MBIOS 514 (General Biochemistry II)
☐ MBIOS 540 (Immunology)
☐ MBIOS 542 (General Virology)
☐ MBIOS 578 (Bioinformatics)
☐ MPS 525 (Plant Molecular Genetics)
☐ PL_P 535 (Molecular Genetics of Plant-Pathogen Interactions)
☐ VET_PH 505 (Design and Analysis of Biomedical Experiments)
☐ VET_PH 555 (General and Cellular Physiology)