

Molecular Cell Biology and Neuroscience PhD Program Curriculum Schedule

| YEAR | FALL | SPRING | SUMMER |
|------|---|--|--|
| 1 | Graduate Biochemistry 4 | Molecular Biology of the Cell 4 | Summer Research in MCBN 4 |
| | Experimental Design 2 | Scientific Writing 2 | |
| | Fundamentals of Neuroscience 2 | ODD YEAR: Biomolecular Interactions or Neurophysiology 2 EVEN YEAR: Graduate Genetics or Neuropharmacology & Behavior | SUMMER BENCHMARKS: June 1 - Mutual Agreement with Mentor July 1 - Thesis Advisory Committee (TAC) nominated and approved |
| | Lab rotations Fall – MCBN (Rotations 1&2) (09-12-22 to 10-28-22) & (10-31-22 to 12-16-22) 3 | Lab rotations Spring – MCBN (Rotations 3&4) (01-3-23 to 02-20-23) & (02-21-23 to 04-10-23) 3 | September 1 – Advisory Proposal Meeting |
| | Responsible Conduct in Research Training 0 | <ul style="list-style-type: none"> • Choose lab during the spring semester • 4th Rotation can be a new lab or the thesis mentor | |
| | SEMESTER CREDITS 11 | SEMESTER CREDITS 11 | SEMESTER CREDITS 4 |
| | CUMULATIVE CREDITS 11 | CUMULATIVE CREDITS 22 | CUMULATIVE CREDITS 26 |
| 2 | Critical Readings 2 | Quantitative Methods 2 | Summer Research in MCBN 4 |
| | Cell Culture & Stem Cells or Neuroanatomy 2 | EVEN YEAR: Graduate Genetics or Neuropharmacology & Behavior 2 ODD YEAR: Biomolecular Interactions or Neurophysiology | |
| | Advanced Graduate Research 5 | Advanced Graduate Research 5 | |
| | SEMESTER CREDITS 9 | SEMESTER CREDITS 9 | SEMESTER CREDITS 4 |
| | CUMULATIVE CREDITS 35 | CUMULATIVE CREDITS 44 | CUMULATIVE CREDITS 48 |
| 3+ | Thesis Research/PhD 9 | Thesis Research/PhD 9 | Summer Thesis Research/PhD 4 |
| | CUMULATIVE CREDITS 57 | CUMULATIVE CREDITS 66 | CUMULATIVE CREDITS 70 |

KEY: **Foundation course**, Skill course, Focus course

Full time status: Fall/Spring Terms are 9 credits

Summer Term is 4 credits