MOLECULAR CELLULAR AND DEVELOPMENTAL BIOLOGY

http://www.mcdb.ucsb.edu

College of Letters and Science University of California, Santa Barbara

| Student Name: | Perm: | Qtr/Yr Enrolled: | |
|---------------|-------|------------------|--|
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MASTER OF ARTS - MOLECULAR, CELLULAR AND DEVELOPMENTAL BIOLOGY - 2018-19

In addition to departmental requirements, candidates for graduate degrees must fulfill University requirements described in the "Graduate Education" section of the UCSB General Catalog.

M.A. students are required to demonstrate competency in fundamental areas of Molecular, Cellular and Developmental Biology by achieving an average of a B or better in the core course modules given each quarter with no grade lower than a "C" in a module, and a B or better in elective courses. It is expected that all M.A. students are enrolled as full-time students and earn a minimum of 12 course units each quarter.

Students pursuing an M.A. in MCDB may petition to add an Emphasis in Pharmacology and Biotechnology. See <u>MCDB Guide to Graduate Study</u> for requirements.

| CORE COURSES (16 units) | | | | | | |
|---|--|--|---|-------------------|--|--|
| COURSE # | COURSE NAME | UNITS | QTR/YR | GRADE | | |
| MCDB 229 | Protein Biochemistry | 2 | F | | | |
| MCDB 235 | Experimental Strategies in Molecular Genetics | 1 | F | | | |
| BMSE 205A | Biochemical Techniques | 1 | F | | | |
| MCDB 220A | Chromosomes and Cell Cycle | 2 | W | | | |
| MCDB 220B | The Cytoskeleton | 2 | W | | | |
| MCDB 220C | From RNA to Membranes | 2 | W | | | |
| MCDB 230 | Gene Regulation | 2 | W | | | |
| MCDB 223 | Signal Transduction | 2 | S | | | |
| MCDB 225 | Development | 2 | S | | | |
| | ELECTIVE COURSES | · | | | | |
| Plan 2 (Examination MCDB graduate le | ectives chosen in combination with literature and research courses will to con): Electives chosen in combination with literature and research course cuture courses are required. Other relevant graduate courses may be sub an 3 units will satisfy the elective requirement only if they are combined | es will total at least bstituted with app | : 20 units. At least tv roval of the Graduat | e Advisor. (Note: | | |
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| Plan 1 and Plan 2: Up to 4 units counted toward the degree may be comprised of graduate literature courses (MCDB 265, 266, 268, 595). | | | | |
|---|--|--------------------------|------------------|-------------|
| COURSE # | COURSE NAME | UNITS | QTR/YR | GRADE |
| | | | | |
| | | | | |
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| | | | | |
| | ELECTIVE COURSES: RESEARC | H COURSEWORK | | |
| Plan 1 (Thesis): L | Jp to 14 units counted toward the degree may be comprised of MCD | B 596 research coursewor | k. | |
| Plan 2 (Examinat | ion): Up to 6 units counted toward the degree may be comprised of | MCDB 596 research cours | ework. | |
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| aching Assista | ntships | | | |
| | SEMINAR REQUIREM | MENTS | | |
| | cted to enroll quarterly and attend MCDB 262 (Research Progress in N B each quarter until completion of degree. (No credit towards degree | | • | |
| COURSE # | REQUIREMENT | | FUI | LFILLED: |
| MCDB 260 | Research Seminar, each quarter | | | |
| MCDB 262 | FNS Seminar, each quarter | | | |
| ЛCDB 263 | Research Seminar, each quarter | | | |
| nd the writte | hesis): Students will complete the degree once and thesis is approved by the Thesis Committee. Ommittee: Chair: | | elective require | ements are |
| | Member: | | | |
| | Member: | | | |
| Date R | equirements Completed: | | | |
| | xamination): Students will complete the degree our wirements Completed: | | and elective re | equirements |
| et. Date neq | unements completed. | | | |
| | Dept. Faculty Graduate Advisor | | | |

ELECTIVE COURSES: LITERATURE COURSES

| FOR GRADUATE DIVISION USE ONLY | | | |
|--|--|--|--|
| Residence requirement-minimum 3 quarters (verify departmental requirement) | | | |
| Required units completed = 30.0 (Plan 1), 36.0 (Plan 2) | | | |
| Language requirement Satisfied (if required) | | | |
| No grades of I, NR, or NG | | | |
| 3.0 or better GPA overall | | | |
| B or better in all core courses (200-level – verify if departmental requirement) | | | |
| Registered quarter of degree or Filing Fee LOA: | | | |
| | | | |
| Master's Form I / COI and committee entered | | | |
| Master's Thesis date received (signature page/e-filed and entered in SReg): | | | |
| | | | |
| Master's Thesis Submission Fee: | | | |
| ProQuest ID Permission Ltrs | | | |
| uploaded? | | | |
| Master's Degree Awarded (mm/dd/yy) | | | |