MASTER OF ARTS – MOLECULAR, CELLULAR & DEVELOPMENTAL BIOLOGY – 2020-21

In addition to departmental requirements, candidates for graduate degrees must fulfill University requirements described in the “Graduate Education” section of the UCSB General Catalog: https://my.sa.ucsb.edu/catalog/Current/GraduateEducation/MastersDegreeReqs.aspx

M.A. students are required to demonstrate competency in fundamental areas of Molecular, Cellular and Developmental Biology by achieving a grade of B- or better in the core courses and electives. It is expected that all M.A. students are enrolled as full-time students and earn a minimum of 12 course units each quarter.

REQUIRED CORE COURSES (both plans, 16 units, graded)

<table>
<thead>
<tr>
<th>COURSE #</th>
<th>COURSE NAME</th>
<th>UNITS</th>
<th>QTR/YR</th>
<th>GRADE</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCDB 229</td>
<td>Protein Biochemistry</td>
<td>2</td>
<td>F</td>
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<tr>
<td>MCDB 218A</td>
<td>Methods &amp; Logic in Molecular Cell Biology I</td>
<td>3</td>
<td>F</td>
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<tr>
<td>MCDB 218B</td>
<td>Methods &amp; Logic in Molecular Cell Biology II</td>
<td>5</td>
<td>W</td>
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<tr>
<td>MCDB 260</td>
<td>Research Strategies in Molecular, Cellular &amp; Developmental Biology</td>
<td>1/qtr, for 6 qtrs</td>
<td>FWS</td>
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ELECTIVE COURSES (see list of pre-approved electives; others may be approved upon petition)

Plan I (Thesis): Electives chosen in combination with research courses (see below) will total at least 14 units to reach the 30 unit minimum. At least 20 units of letter-graded coursework must be at the graduate level. A maximum of 10 units of the required 20 graduate units may be MCDB 596.

Plan II (Project): Electives chosen in combination with literature and research courses will total at least 20 units to reach the 36 unit minimum. No fewer than 24 of the 36 letter-graded units must be at the graduate level. No more than 12 of the required 24 graduate units may be MCDB 596.

<table>
<thead>
<tr>
<th>Course</th>
<th>QTR/YR</th>
<th>Grade</th>
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<th>QTR/YR</th>
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Total elective units: ______________ (14 units, Plan 1; 20 units Plan 2)

Total upper division undergraduate units: __________

Total MCDB 596 units: ______________ (minimum of 10 units, Plan 1)

Total graded units: ________________ (30 units, Plan 1; 36 units Plan 2)
Teaching Assistantships

Teaching Assistantships are not a requirement of the Plan I or Plan II M.A. degree. Students with Teaching Assistant (TA) appointments must complete the appropriate TA orientation and techniques courses (MCDB 500 and 502; taken once, without degree credit). When serving as a TA, students should enroll in the TA practice course (MCDB 501) for the appropriate number of units (maximally 4 units for a 50% TAship; without degree credit).

SEMIGAR REQUIREMENTS (No credit towards degree unit requirements for MCDB 262, or 263)

<table>
<thead>
<tr>
<th>COURSE #</th>
<th>REQUIRED COURSE</th>
<th>FULFILLED</th>
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<tbody>
<tr>
<td>MCDB 262</td>
<td>1 unit every quarter enrolled</td>
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</tr>
<tr>
<td>MCDB 263</td>
<td>1 unit every quarter enrolled</td>
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COMPLETION OF THE DEGREE

M.A. Plan I (Thesis): Students will complete the degree once all core course and elective requirements are met and the written thesis is approved by the Thesis Committee. Students should form and consult with a faculty committee at least two quarters prior to the expected date of degree completion. The committee will review the written document and the student will present a short seminar, open to the public. The seminar may be presented in MCDB 262 (with faculty in attendance) or scheduled through the department.

Thesis Committee:

Chair: ________________________________

Member: ______________________________

Member: ______________________________

Date Requirement Completed: ________________

M.A. Plan II (Project): Students will complete the degree once all core course and elective requirements are met, and the final project is approved by the Graduate Committee. Students should consult with the faculty graduate adviser at least one quarter in advance of the planned completion of the degree for approval of the final project by the Graduate Committee. The final project consists of either (i) a research presentation in the MCDB 262 meeting or (ii) a written review article on a topic pre-approved by the graduate committee and in the format of a Nature Reviews review article.

Date Requirements Completed: ________________

Approved by Dept. Faculty Graduate Advisor

Signed ________________________________ Date ________________

FOR GRADUATE DIVISION USE ONLY

<p>| Residence requirement-minimum 3 quarters (verify departmental requirement) |
| Required units completed = 30.0 (Plan 1), 36.0 (Plan 2) |
| Language requirement Satisfied (if required) |</p>
<table>
<thead>
<tr>
<th>Requirement</th>
<th>Details</th>
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<tr>
<td>No grades of I, NR, or NG</td>
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<tr>
<td>3.0 or better GPA overall</td>
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<td>Registered quarter of degree or Filing Fee LOA:</td>
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<td>Master’s Form I / COI and committee entered</td>
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<tr>
<td>Master’s Thesis date received (signature page/e-filed and entered in SReg):</td>
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<tr>
<td>Master’s Thesis Submission Fee:</td>
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<td>ProQuest ID Permission Ltrs uploaded?</td>
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Master’s Degree Awarded (mm/dd/yy)