

Molecular, Cell & Developmental Biology
2022 – 2023 TENTATIVE COURSE OFFERINGS

Course Name	Course #	Fall	Winter	Spring
Undergrad Research Lab in Yeast, Genetics, and Mol Biology (Pathways Program)	30H			✓
Stem Cell Biology Politics & Ethics	50	✓	✓	✓
Biomedical Ethics	60	✓	✓	✓
Human Stem Cells & Medicine	90	✓	✓	
Research Immersion Lab in Developmental Bio★	104AL	✓	✓	✓
Adv. Research Analysis in Developmental Bio	104BL			✓
Fundamentals of Digital Imaging & Processing	M130			✓
Developmental Biology	138	✓	✓	✓
Cancer Cell Biology	M140		✓	
Molecular Basis of Plant Diff. & Dev.	C141			✓
Molecular Biology	144	✓	✓	✓
Appreciation & Critical Review of Biomed Rsrch	145	Not Offered 2022-23		
Metabolism & Disease	146	✓		
Plant Communication	C150		✓	
Resrch Immersion Lab in Plant-Microbe Ecology★	150AL		✓	
Human Genetics	CM156		✓	
Biology of the Cell	165A	✓	✓	✓
Stem Cell Biology	168		✓	
Neuroscience: From Molecules to Mind	M175A/B/C	A	B	C
Research Apprenticeship I ^{CR}	196A	✓	✓	
Research Apprenticeship II ^{CR}	196B		✓	✓
Research Apprenticeship Seminar I (2 Units) ^{CR}	180A	✓	✓	
Research Apprenticeship Seminar II (2 units) ^{CR}	180B		✓	✓
Research Immersion Lab in Genomic Biology★	187AL			✓
Variable Topics in MCDB	191		✓	✓

★ Enrollment in MCDB 104AL, MCDB 150AL, and MCDB 187AL will be restricted. An email with instructions on how to request enrollment will be sent to the listserv before enrollment appointments begin each qtr., and the instructions are included in the lecture and lab “class notes” section on the Schedule of Classes.

^{CR} MCDB 196A taken concurrently with MCDB 180A, MCDB 196B taken concurrently with 180B. There will be two offerings of the A/B series in 2022-23. To apply for the FALL offering of 196A/180A submit your application by August 12, 2022. Applications for the Winter offering will be due in Week 6 of Fall quarter as stated on the MCDB website. Forms and more information available on the MCDB website: <https://www.mcdb.ucla.edu/mcdb-196a-and-196b/>

NOTE: Most MCDB upper division lecture courses will be restricted to MCDB majors on first pass. Life Science 107 is restricted to MCDB & MIMG majors on first pass.

Course code abbreviations (i.e., MCDB CM156, M140):

C = Course is offered concurrently to undergrad and graduate levels in the same class

M = Listed through multiple departments (may have different enrollment capacities in each dept.)

CM = Offered concurrently to undergrad and grad, and offered through multiple departments.