

Molecular, Cell & Developmental Biology  
**2024 – 2025 TENTATIVE COURSE OFFERINGS**

Course #	Course Name	Fall	Winter	Spring
<b>30H</b>	Undergrad Research Lab in Yeast, Genetics, & Molecular Biology (UCLA-HHMI Pathways to Success Program)			✓
<b>50</b>	Stem Cell Biology, Politics, and Ethics	✓	✓	
<b>60</b>	Biomedical Ethics	✓	✓	✓
<b>90</b>	Human Stem Cells and Medicine	Not offered in 2024-2025		
<b>104AL</b>	Research Immersion Lab in Developmental Biology	✓	✓	✓
<b>104BL</b>	Advanced Research Analysis in Developmental Biology			✓
<b>120</b>	Reproductive Science and Health			✓
<b>M130</b>	Fundamentals of Digital Imaging and Image Processing			✓
<b>138</b>	Developmental Biology	✓	✓	✓
<b>M140</b>	Cancer Cell Biology		✓	
<b>C141</b>	Molecular Basis of Plant Differentiation and Development			✓
<b>142</b>	Design Principles of Biological Circuits		✓	
<b>144</b>	Molecular Biology of Cellular Processes	✓	✓	✓
<b>145</b>	Appreciation and Critical Review of Biomedical Research	Not offered in 2024-2025		
<b>146</b>	Metabolism and Disease	✓		✓
<b>C150</b>	Plant Communication		✓	
<b>150AL</b>	Research Immersion Lab in Plant-Microbe Ecology	Not offered in 2024-2025		
<b>CM156</b>	Human Genetics		✓	
<b>165A</b>	Biology of Cells	✓	✓	✓
<b>167</b>	Genetic Engineering: History, Science, and Applications in Medicine, Agriculture and Law	Not offered in 2024-2025		
<b>168</b>	Stem Cell Biology	Not offered in 2024-2025		
<b>M175A/B/C</b>	Neuroscience: From Molecules to Mind	A	B	C
<b>180A</b>	Scientific Analysis and Communication I *	✓	✓	
<b>180B</b>	Scientific Analysis and Communication II *		✓	✓
<b>187AL</b>	Research Immersion Lab in Genomic Biology			✓
<b>191</b>	Variable Topics Research Seminars: MCDB	✓	✓	
<b>New</b>	New Category 1 Elective			✓

\*MCDB 180A taken concurrently with MCDB 196A and MCDB 180B taken concurrently with MCDB 196B. There will be two offerings of the MCDB 180A/B series in 2024-2025. Application information and submission deadlines: <https://www.mcdb.ucla.edu/mcdb-196a-and-196b/>.

**Note:**

Enrollment in most MCDB upper division courses is restricted to MCDB majors only during Priority and First Pass. Enrollment in LIFESCI 107 is restricted to MCDB, MIMG, and HBS majors during Priority and First Pass.

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

**C** = Course is offered concurrently to undergrad and grad students in the same class

**M** = Course is listed in multiple departments (May have different enrollment caps in each department)

**CM** = Course is offered concurrently to undergrad and grad students and offered in multiple departments