

University of Hawai'i at Mānoa Colleges of Arts & Sciences Program Sheet 2017-2018 Bachelor of Science (BS) in Molecular Cell Biology Admissions: Open Process: Declaration Min. Total Credits: 120 (107 in core & major + 13 in electives)

UHM General Education Core Requirements

Foundations
FW ENG 100, 100A, 190, ESL 100, or AMST 111
FS MATH 215, 241, or 251A
$\Box FG(A/B/C)$
$\Box FG(A/B/C)$
Diversification
\Box DA / DH / DL
\Box DA / DH / DL
DB BIOL 171, 172
DP CHEM 161
DY BIOL 171L, 172L, CHEM 161L
DS MCB 314
* See degree, college and major requirements for courses that
can also fulfill these.
UHM Graduation Requirements
Focus

Focus				
□H				
□ E (300+)				
• O (300+)				
□ W (300+)				
□ W (300+)				
Hawaiian / Second Language				
1 01				
1 02				
2 01				
2 02				
Credit Minimums				
• 120 total applicable				
• 30 in residence at UHM				
• 45 upper division (300+ level) credits				

Grade Point Average

- 2.0 cumulative or higher (*Note: Other GPAs may be required.*)
- Good academic standing

This program sheet was prepared to provide information and does not constitute a contract. See back for major requirements. Meet regularly with your major advisor.

Degree Requirements

Ba	achelor of Science Requirements
	Calculus I
	Calculus II
	Chemistry I with lab
	Chemistry II with lab
	Physics I with lab
	Physics II with lab
	Refer to major requirements for the specific courses that
	satisfy these requirements.
C	ollege Requirements
C	redit Maximums
٠	8 KRS activity
٠	9 Directed Reading / Research
•	12 Practicum / Internship

Major Requirements for	DS III Molecular	Cell Blology		
Admission: Open				
Application: NA				
Min. major credits: $BS = 4$	46 (77-79 with rela	ated requirements)		
Min. C grade (not C-) in a	all prerequisite cou	irses		
Requirements				
Molecular Cell Biology (Core Requiremen	ts (36 credits)		
$\square BIOL 171^{*DB} / DB$	/ • 171L* ^{DY}			
□ BIOL 172* ^{DB} /				
□ BIOL 275 / □		(Fall and Summer)		
□ BIOL 375 / □	375L	(Spring only)		
BIOL 407	10.07	(Fall only)		
□ BIOL 408/ □		(Spring only)		
	MBBE 402 or BIC	,		
$\square MCB 314^{DS}$		(Spring only)		
□ MCB 461		(Fall only)		
□ MCB 472				
Mala and an Call Diala and	D-1-4-J D			
	kelated kequirem	ents (10 creatts from Gre	oup 1 and 2, minimum of 1 c	realt from 2)
Group 1 Courses	MATH 204 205	MICD 251 421 470 475	, 490, PHYL 301, ZOOL 420,	442
MICR/BOT/ZOOL 499	, MATH 304, 303,	, MICK 551, 451, 470, 475	, 490, FHTL 301, ZOOL 420,	442,
		D		
G	ш	U		
Group 2 Courses				
MICR 351L, 461L, 475L,	490L PHYL 301	L. ZOOL 420L		
Related Major Courses ((31-33 credits)			
Related Major Courses (MATH 215* ^{FS}	(31-33 credits) , 241* ^{FS} , or 251A*			
Related Major Courses (MATH 215* ^{FS} MATH 216, 24	(31-33 credits) , 241* ^{FS} , or 251A* 42, or 252A			
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