

PROFESSIONAL SCIENCE MASTER'S IN MOLECULAR BIOSCIENCES DEGREE
SCHOOL OF MOLECULAR BIOSCIENCES

2018

Student Name:

WSU ID#:

COURSE	CREDITS	TERM	GRADE	NOTES
SCIENCE REQUIRED COURSES – Complete the following 4 courses				
<input type="checkbox"/> *MBIOS 501 Cell Biology	3			
<input type="checkbox"/> MBIOS 503 Molecular Biology	3			
<input type="checkbox"/> *MBIOS 513 General Biochemistry	3			
<input type="checkbox"/> *MBIOS 578 Bioinformatics	3			
PROFESSIONAL REQUIRED COURSES – One course from each of the following five professional areas				
1. ETHICS				
<input type="checkbox"/> PHIL 530 Bioethics	2			
<input type="checkbox"/> PHIL 532 Seminar in Business Ethics	3			
<input type="checkbox"/> PHIL 535 Advanced Biomedical Ethics	3			
2. COMMUNICATIONS				
<input type="checkbox"/> ENGL 495 Rhetoric of Science and Technology	3			
<input type="checkbox"/> ENGL 562 Writing & Rhetoric in Science & Technology	3			
<input type="checkbox"/> COM 541 Science Communication	3			
<input type="checkbox"/> MBIOS 580 Science Information Literacy	2			
3. BUSINESS FOCUS				
<input type="checkbox"/> EM 505 Finance for Technical Systems	3			
<input type="checkbox"/> EM 508 Legal Concepts for Eng & Tech Managers	3			
<input type="checkbox"/> ENTRP 486 Launching New Ventures	3			
<input type="checkbox"/> MKTG 506 Marketing Management & Admin. Policy	3			
4. MANAGEMENT				
<input type="checkbox"/> EM 501 Management of Organizations	3			
<input type="checkbox"/> EM 522 Leadership, Supervision & Management	3			
<input type="checkbox"/> EM 564 Project Management	3			
<input type="checkbox"/> EM 575 Performance Management in Technical Org.	3			
5. SKILLS SEMINAR				
<input type="checkbox"/> MBIOS 583 Professional Skills Seminar	1			
ELECTIVES – Take minimum of two courses: At least <u>one</u> from the SCIENCE group and <u>one</u> from the PROFESSIONAL group				
SCIENCE COURSE ELECTIVES				
<input type="checkbox"/> MBIOS 514 General Biochemistry (<i>Prereq 513</i>)	3			
<input type="checkbox"/> MBIOS 525.01 Genetically Modified Organisms	1			
<input type="checkbox"/> MBIOS 525.02 Genes, Genomes & Society	1			
<input type="checkbox"/> MBIOS 529.01 Cytoskeleton	1			
<input type="checkbox"/> MBIOS 529.02 Membrane Biogenesis & Intracell Traff	1			
<input type="checkbox"/> MBIOS 550 Microbial Physiology	3			
<input type="checkbox"/> MBIOS 574 Protein Biotechnology (<i>Prereq 513</i>)	3			
<input type="checkbox"/> MBIOS 584 Medical Genetics	3			
<input type="checkbox"/> MBIOS 585 Molecular Biotechniques	2			
<input type="checkbox"/> MBIOS 586 Molecular Biotechniques Lab	1			
<input type="checkbox"/> STAT 412 Statistical Methods in Research	3			
<input type="checkbox"/> STAT 512 Analysis of Variance of Designed Exp.	3			

PROFESSIONAL COURSE ELECTIVES <input type="checkbox"/> COM 478 Health Communication <input type="checkbox"/> COM 561 Prof Multimedia Content Creation <input type="checkbox"/> COM 562 Crisis Communication in Global Contexts <input type="checkbox"/> COMSTRAT 562 Creative Media Strat & Tech <input type="checkbox"/> COMSTRAT 564 Consumer Behavior & Brand Dev <input type="checkbox"/> EM 524 Program in Facilities Management <input type="checkbox"/> EM 526 Constraints Management <input type="checkbox"/> EM 530 Application of Constraints Management <input type="checkbox"/> EM 560 Integrated Supply Chain Management <input type="checkbox"/> EM 570 Six Sigma Quality Management <input type="checkbox"/> I BUS 380 International Business <input type="checkbox"/> MGMT/ENTRP/MGTOP 588 Management of Innovation	3 3 3 3 3 3 3 3 3 3 3 3			
INTERNSHIP				
MBIOS 701 Master’s Independent Capstone Project and/or Examination (variable credits – total of 4 credits required) NOTE: Current students who have taken credit(s) in MBIOS 702 already should take 4 credits minimum of MBIOS 702; these credits will substitute for MBIOS 701.	Min of 4 credits			
NOTES:			GPA & Credits Completed	

ADDITIONAL REQUIREMENTS:	
<input type="checkbox"/> Select and meet with Committee Members <input type="checkbox"/> Internship Proposal Completed <input type="checkbox"/> Internship Report <input type="checkbox"/> Schedule Final Presentation with Committee	<input type="checkbox"/> Program of Study Completed <input type="checkbox"/> Internship Log <input type="checkbox"/> Apply for graduation and pay graduation fee <input type="checkbox"/> Final Examination/Presentation

**Credit cannot be granted for both MBIOS 401 and 501.
*Credit cannot be granted for both MBIOS 413 and 513.
Credit cannot be granted for both MBIOS 478 and 578.

If student has any of these courses at the 400-level a substitute for the 500-level course will need to be selected with advisor approval.