

SCHOOL OF MOLECULAR BIOSCIENCES 2016-2017

Professional Science Master's Degree

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 Advanced Molecular Biology I	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"/> MBIOS 580 Science Information Literacy	2			
<input type="checkbox"/> ENGL 595 Communicating in STEM	3			
<input type="checkbox"/> ENGL 495 Rhetoric of Science and Technology	3			
3. BUSINESS FOCUS				
<input type="checkbox"/> ENTRP 486 Launching New Ventures	3			
<input type="checkbox"/> EM 508 Legal Concepts for Eng & Tech Managers	3			
<input type="checkbox"/> MKTG 506 Marketing Management & Admin. Policy	3			
<input type="checkbox"/> EM 505 Finance for Technical Systems	3			
4. MANAGEMENT				
<input type="checkbox"/> EM 501 Management of Organizations	3			
<input type="checkbox"/> EM 564 Project Management	3			
<input type="checkbox"/> EM 575 Performance Management in Technical Org.	3			
<input type="checkbox"/> EM 522 Leadership, Supervision and Management	3			
5. SKILLS SEMINAR				
<input type="checkbox"/> MBIOS 583 Professional Skills Seminar	1			
ELECTIVES – Take two courses with at least one from the science and one from the professional group				
SCIENCE COURSE ELECTIVES				
<input type="checkbox"/> MBIOS 514 General Biochemistry (Prereq 513)	3			
<input type="checkbox"/> MBIOS 550 Microbial Physiology	3			
<input type="checkbox"/> MBIOS 574 Protein Biotechnology (Prereq 513)	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			
PROFESSIONAL COURSE ELECTIVES				
<input type="checkbox"/> STATS 512 Analysis of Variance of Des. Exp.	3			
<input type="checkbox"/> MgtOp 588 Management of Innovation	3			
<input type="checkbox"/> I BUS 380 International Business	3			
<input type="checkbox"/> EM 526 Constraints Management	3			
<input type="checkbox"/> EM 560 Integrated Supply Chain Management	3			
<input type="checkbox"/> EM 570 Six Sigma Quality Management	3			
<input type="checkbox"/> EM 524 Program in Facilities Management	3			
INTERNSHIP				
MBIOS 702 Master's Special Problems	Min of 4 credits			
NOTES:			GPA & Credits Completed	

ADDITIONAL REQUIREMENTS:

- | | |
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| <input type="checkbox"/> Select and meet with Committee Members | <input type="checkbox"/> Program of Study Completed |
| <input type="checkbox"/> Internship Proposal Completed | <input type="checkbox"/> Internship Log |
| <input type="checkbox"/> Internship Report | <input type="checkbox"/> Apply for graduation and pay graduation fee |
| <input type="checkbox"/> Schedule Final Presentation with Committee presentation and Graduate School | <input type="checkbox"/> Final Examination ballot meeting and to committee |

- *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.