

Professional Science Masters in Molecular Biosciences (Non-Thesis)			FALL 2016		SPRING 2017		SUMMER 2017	
	Link to Catalog Description		Pullman CAMPUS	ONLINE	Pullman CAMPUS	ONLINE	Pullman CAMPUS	ONLINE
Science Requirements								
MBioS 501 (3)	Cell Biology	WSU Catalog Descriptions		X	X	X		X
MBioS 503 (3)	Adv. Molecular Biology I	WSU Catalog Descriptions	X	X		X		X
MBioS 513 (3)	General Biochemistry I	WSU Catalog Descriptions	X	X				
MBioS 578 (3)	Bioinformatics	WSU Catalog Descriptions	X	X				X
Professional Requirements - One course from each of the following five areas:								
(1) Ethics								
PHIL 530 (2)	Bioethics	WSU Catalog Descriptions	X	X				
PHIL 532 (3)	Seminar in Business Ethics	WSU Catalog Descriptions						
PHIL 535 (3)	Advanced Biomedical Ethics	WSU Catalog Descriptions				X		
(2) Communications								
MBioS 580 (2)	Science Information Literacy	WSU Catalog Descriptions		X		X		X
ENGL 495 (3)	Rhetoric of Science and Technology	WSU Catalog Descriptions				X		
Engl 595 (3)	Communicating in STEM	WSU Catalog Descriptions						X
(3) Business Focus								
***Entrp 486 (3)	Launching New Ventures (Fall 2015)	WSU Catalog Descriptions		X	X			
EM 508 (3)	Legal Concepts for Eng & Tech Mgmt (normally Fall, sometimes in Spring)	WSU Catalog Descriptions		X		X		
*Mktg 506 (3)	Marketing Strategy (PSM students- Summer only)	WSU Catalog Descriptions						X
EM 505 (3)	Finance for Technical Systems (normally in Spring)	WSU Catalog Descriptions				X		
(4) Management								
EM 501 (3)	Management of Organizations (currently in Spring, may go to Fall)	WSU Catalog Descriptions				X		X
EM 522 (3)	Leadership, Supervision & Management (Fall, may change to Spring)	WSU Catalog Descriptions		X				
EM 564 (3)	Project Management (Fall, may change to spring)	WSU Catalog Descriptions		X				
# EM 575 (3)	Performance Mgmt in Technical Org. (offered every third semester)	WSU Catalog Descriptions						
(5) Skills Seminar								
MBioS 583 (1)	Professional Skills Seminar	WSU Catalog Descriptions		X		X		
SCIENCE ELECTIVES - Select one course								
MBioS 514 (3)	General Biochemistry II (Prereq MBIOS 513)	WSU Catalog Descriptions		X	X			
MBioS 550 (3)	Microbial Physiology	WSU Catalog Descriptions			X			
MBioS 574 (3)	Protein Biotechnology - Prereq MBIOS 513 (On-campus Spring even years)	WSU Catalog Descriptions	X					
MBioS 584 (3)	Medical Genetics	WSU Catalog Descriptions		X		X		X
**MBIOS 585 (2)	Molecular Biotechniques	WSU Catalog Descriptions						
**MBIOS 586 (1)	Molecular Biotechniques Lab	WSU Catalog Descriptions						
PROFESSIONAL ELECTIVES - Select one course								
STATS 512 (3)	Analysis of Variance of Designed Exp (Prereq Stats 412)	WSU Catalog Descriptions			X	X		X
*MgtOp 588 (3)	Management of Innovation	WSU Catalog Descriptions						
I Bus 380 (3)	International Business	WSU Catalog Descriptions			X	X	X	X
EM 530 (3)	Applications of Constraint Mgmt (offered every third semester)	WSU Catalog Descriptions		X				
EM 526 (3)	Constraints Management (offered every third semester)	WSU Catalog Descriptions				X		
EM 560 (3)	Intergrated Supply Chain Mgmt (normally offered in Fall semester)	WSU Catalog Descriptions		X				
EM 570 (3)	Six Sigma Quality Management (offered every third semester)	WSU Catalog Descriptions				X		
EM 524 (3)	Program and Facilities Management	WSU Catalog Descriptions		X				
Internship								
MBioS 702 (4)	Industry/Government/Academic/Agriculture Internship (320 hrs)	WSU Catalog Descriptions	X	X	X	X	X	X

Engineering Management (EM) has a tentative long range schedule, subject to change. When every third semester is indicated, sum