Professional Science Masters in	COURSE TITLE								
Molecular									
Biosciences (Non-	Course descriptions available at								
Thesis)	WSU Catalog Descriptions	FALL 2017		SPRING 2018		SUMMER 2018		FALL 2018	
		Pullman		Pullman		Pullman		Pullman	
		CAMPUS	ONLINE	CAMPUS	ONLINE	CAMPUS	ONLINE	CAMPUS	ONLINE
Science									
Requirements									
MBioS 501 (3)	Cell Biology		X	X	X		X - ?		Х
1112103 301 (3)	Cen Biology						~ .		
MBioS 503 (3)	Adv. Molecular Biology I	X	X		X		X - ?	Х	Х
MBioS 513 (3)	General Biochemistry I	X	X		X		X - ?	X	X
MBioS 578 (3) Professional	Bioinoformatics	X	Х				X - ?	Х	Х
Requirements - One									
from each of the									
following five areas:									
(1) Ethics									
PHIL 530 (2)	Bioethics	X	X					Х	Х
DUII 522 /2\	Seminar in Business Ethics (always on								
PHIL 532 (3)	Pullman campus, next offered in Spr 2019) Advanced Biomedical Ethics		v		v				
PHIL 535 (3) (2) Communications	Advanced Biomedical Ethics		X		X				
(2) Communications									
MBioS 580 (2)	Science Information Literacy		X			X	Х		Х
ENGL 495 (3)	Rhetoric of Science and Technology						Х		
Engl 595 (3)	1 2 2 2 3 3 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7								
NEW: ENGL 562	Communicating in STEM						X		
(3) Business Focus									
*MGMT/Entrp 486 (3)	Launching New Ventures (Fall 2015)								
EM 508 (3)	Legal Concepts for Eng & Tech Mgmt (normally Fall, sometimes in Spring)		Х			X			Х
*Mktg 506 (3)	Marketing Strategy (PSM students- OMBA sections only, offered every 22 months next available in Fall 2018 & Summer 2020)								х
EM 505 (3)	Finance for Technical Systems (normally in Spring)				Х		х		
(4) Management									

	Management of Organizations								
EM 501 (3)	(currently in Spring, may go to Fall)				Х				
	Leadership, Supervision &								
FN4 F22 /2\	Management (Fall, may change to								Х
EM 522 (3)	Spring)		X						
EN EGA (2)	Project Management				v				
EM 564 (3)	(Fall, may change to spring)				X				
# EM 575 (3)	Performance Mgmt in Technical Org. (offered every third semester)		x						х
(5) Skills Seminar									
MBioS 583 (1)	Professional Skills Seminar		X			X			Х
SCIENCE ELECTIVES -									
Select one course									
MBioS 514 (3)	General Biochemistry II (Prereq MBIOS 513)			Х					
MBioS 550 (3)	Microbial Physiology			Х					
	Protein Biotechnology - Prereq MBIOS								
MBioS 574 (3)	513 (On-campus Spring even years)			X					
MBioS 584 (3)	Medical Genetics		X			Х	Х		Х
**MBIOS 585 (2)	Molecular Biotechniques						X		
**MBIOS 586 (1)	Molecular Biotechniques Lab					X	Х		
PROFESSIONAL									
ELECTIVES - Select									
one course									
STATS 512 (3)	Analysis of Variance of Designed Exp (Prereq Stats 412)	Х			Х		Х	Х	х
*MGMT/ENTRP 588									
(3)	Management of Innovation								
I Bus 380 (3)	International Business	X	X	X	X	X	X	X	X
EM 530 (3)	Applications of Constraint Mgmt (offered every third semester)		X						
EM 526 (3)	Constraints Management (offered every third semester)		х		х				
LIVI 320 (3)	Intergrated Supply Chain Mgmt								
EM 560 (3)	(normally offered in Fall semester)		x						X
	Six Sigma Quality Management								
EM 570 (3)	(offered every third semester)				X				
EM 524 (3)	Program and Facilities Management								х
Internship									
	Industry/Government/Academic/Agri								
MBioS 702 (4)	culture Internship (320 hrs)	X	X	X	X	X	X	X	X

NOTES:	Engineering Management (EM) has a tentative long range schedule, subject to change. When every third semester is indicated, summer is not counted.
	* MBA tuition rate of \$750 per credit applies (subject to change) – OMBA section of MTG 506 is the only section open to PSM students. ENTRP/MGMT courses are available to PSM students on a space available basis. ENTRP/MGMT majors have first registration access
	# Former students have recommended taking EM 575 only if you are currently employed full-time
	** New course – dependent on enrollment
	Online courses are subject to minimum enrollment
	Course descriptions are available at <u>WSU Catalog Descriptions</u>