Cavalla International University

COURSE PROGRAM STRUCTURE/STUDENT CHECKLIST

PROGRAM OF STUDY: ☐ **Master of Science (MS) – Health Services (MHS)** ☐ **MS- Health Care Management (HMS)** ☐ **MS – Public Health (MPH)** ☐ **MS – Industrial Engineering (MIE)** ☐ **MS –Information Technology (MIT)**

_____

Students The program is structured to be completed in **18 Months – 2 years**. Students enrolled in accelerated programs can complete their degrees in 9 – 12 months. Please contact the admissions office if you have any questions: **admissions@cavallauniversity.education. Required Core Course (39 CREDITS): 18 Credit Hours; General & Specialized Electives: 15 Credit Hours; Research Thesis/Capstone: 6 Credits.**

MASTER OF SCIENCE (MS) PROGRAM – FIRST YEAR

Course No.	Course	Credit(s)	Grade
MOS 400	Introduction to Master Studies	3	
MOS 401	Research Methods – Design & Analysis	3	
MOS 402	Specialized Topic 1 in Students Area of Study	3	
MOS 403	Quantitative Research	3	
MOS 404	Specialized Topic II in Students Area of Study	3	
Total		**15**	

MASTER OF SCIENCE (MS) PROGRAM – SECOND YEAR

Course No.	Course	Credit(s)	Grade
MOS 405	Qualitative Research	3	
	Specialized Electives	3	
	Specialized Electives	3	
	Specialized Electives	3	
Total		**12**	

MASTER OF SCIENCE (MS) PROGRAM – MHS

Course No.	Course	Credit(s)	Grade
MHS 408	Applied Master Studies in Health Services	3	
MHS 409	Mental Health Services	3	
MHS 410	Health Organizational Management	3	
MHS 411	Quality Appraisal and Evaluation	3	
MHS 412	Health Services Planning & Marketing	3	
MHS 413	Health Services in Human Resources Management	3	
MHS 414	Human/Health Services Practicum	3	

MASTER OF SCIENCE (MS) PROGRAM – HMS/MPH

Third year Students may elect to take any of the courses below or take additional courses from the courses listed below. Interested students should confer with their mentors before making such decision.

Course No.	Course	Credit(s)	Grade
MMS 415	Applied Master Studies in Healthcare Administration	3	
MMS 416	Health Law, Ethics, and Policy	3	
MMS 417	Healthcare Quality Management	3	
MMS 418	Healthcare Financial Management & Economics	3	
MMS 419	Communication, Marketing, and Public Relations for Healthcare Administration Leaders	3	
MPH 420	Applied Master Studies in Public Health	3	
MPH 421	U.S. and International Healthcare System	3	
MPH 422	Theories of Health Behavior	3	
MPH 423	Leadership in Public Health	3	
MPH 424	Health Advocacy & Policy	3	

Note: The University encourages students to engage in their third year in a capstone learning experience: advanced seminars, clinical practice, and writing projects that call on students to use the full extent of their knowledge, skills, and methodological tools in a field to address the most interesting and complicated legal problems of today.

MASTER OF SCIENCE (MS) PROGRAM – THIRD YEAR			
Course No.	**Course**	**Credit(s)**	**Grade**
	Specialized Electives	3	
	Specialized Electives	3	
Total		**6**	

MASTER OF SCIENCE (MS) PROGRAM – FOURTH YEAR			
Course No.	**Course**	**Credit(s)**	**Grade**
MOS 406	Research Capstone	3	
MOS 407	Research Thesis	3	
Total		**6**	

MASTER OF SCIENCE (MS) PROGRAM – MIE			
Third year Students may elect to take any of the courses below or take additional courses from the courses listed below. Interested students should confer with their mentors before making such decision.			
Course No.	**Course**	**Credit(s)**	**Grade**
MIE 425	Applied Master Studies in Industrial Engineering	3	
MIE 426	Project Engineering Management	3	
MIE 427	Quality Assurance Management	3	
MIE 428	Global Economic & Tech Trends	3	
MIE 429	Operations and Supply Chain Management	3	
MIE 430	Software Engineering Management	3	
MIE 431	Systems Engineering Management	3	
MIE 432	Applied Probability & Statistics	3	
MIE 433	Artificial Intelligence Industrial Engineering	3	
MIE 434	Leadership in Industrial Engineering	3	
MASTER OF SCIENCE (MS) PROGRAM – MIT			
Third year Students may elect to take any of the courses below or take additional courses from the courses listed below. Interested students should confer with their mentors before making such decision.			
Course No.	**Course**	**Credit(s)**	**Grade**
MIT 435	Applied Master Studies in Information Technology	3	
MIT 436	Applied Probability & Statistics	3	
MIT 437	Cybersecurity for Leaders and Managers	3	
MIT 438	Information Technology in Organizations	3	
MIT 439	Telecommunications in Management Information Technology	3	
MIT 440	Business Intelligence & Data Management	3	
MIT 441	Ethics in Management Information Technology	3	
MIT 442	Advanced Systems Analysis and Design	3	
MIT 443	Concepts & Applications of Information Technology	3	
MIT 444	Leadership in Management Information Technology	3	