



COURSE PROGRAM STRUCTURE/STUDENT CHECKLIST

PROGRAM OF STUDY: Master of Arts (MA) – International Human Rights and Humanitarian Studies MS - Environmental Science & Management MS – Agronomy
 MS – Environmental Studies MS – Agribusiness Management MS – Agribusiness Management & Policy MA – Industrial Psychology & Leadership
 MA – International Relations & Diplomacy MA – International Peace & Dispute Resolution MS – Criminal Justice Systems MS – Horticulture
 MS – Animal Science PhD – Organizational Development and Leadership

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.edu. **Required Core Course (39 CREDITS): 18 Credit Hours; General & Specialized Electives: 15 Credit Hours; Research Thesis/Capstone: 6 Credits**

MASTER OF ARTS & SCIENCE (MA/MS) PROGRAM – FIRST YEAR			
Course No.	Course	Credit(s)	Grade
MAS 400	Introduction to Master Studies	3	
MAS 401	Research Methods – Design & Analysis	3	
MAS 402	Specialized Topic I in Students Area of Study	3	
MAS 403	Quantitative Research	3	
MAS 404	Specialized Topic II in Students Area of Study	3	
Total		15	

MASTER OF ARTS & SCIENCE (MA/MS) PROGRAM SECOND YEAR			
Course No.	Course	Credit(s)	Grade
MAS 405	Qualitative Research	3	
	Specialized Electives	3	
	Specialized Electives	3	
	Specialized Electives	3	
Total		12	

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 ARTS & SCIENCE (MA/MS) PROGRAM – ES&M/DES/DAM			
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
ESM 413	Applied Master Studies in Environmental Science & Management	3	
ESM 414	Environmental Economics in Leadership	3	
ESM 415	Global Environment Change & Environmental Justice	3	
ESM 416	Environmental Politics & Policy	3	
DES 417	Applied Master Studies in Environmental Studies	3	
DES 418	Wildlife Ecology & Management	3	
DES 419	Soil, Water, & Land Resources	3	
DAM 420	Environmental Technology and Human Affairs	3	
DAM 421	Culture and the Environment	3	
DAM 422	Environmental Education & Interpretation	3	

MASTER OF ARTS & SCIENCE (MA/MS) PROGRAM – IHR&HS			
Course No.	Course	Credit(s)	Grade
IHR 423	Applied Master Studies in International Human Rights & Humanitarian Studies	3	
IHR 424	International Humanitarian Law	3	
IHR 425	Human Rights Law	3	
IHR 426	Public Health in Humanitarian Crises	3	
IHR 427	Global Health and Humanitarianism	3	
IHR 428	Leadership in Human Rights & Humanitarian Studies	3	
IHR 429	Sustainable Development in Human Rights & Humanitarian Action	3	

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

MASTER OF ARTS & SCIENCE (MA/MS) – FOURTH YEAR			
Course No.	Course	Credit(s)	Grade
MAS 411	Research Capstone	3	
MAS 412	Research Thesis	3	
Total		6	

MASTER OF ARTS & SCIENCE (MA/MS) PROGRAM – IR&D/IP&DR			
Course No.	Course	Credit(s)	Grade
IRD 451	Applied Master Studies in International Relations & Diplomacy	3	
IRD 452	Foundation of International Relations	3	
IRD 453	International Law and Diplomacy	3	
IRD 454	U.S. and International Government	3	
IRD 455	U.S. and International Politics	3	
IRD 456	U.S. and International Finance	3	
IRD 457	U.S. and Global Trade Law	3	
IRD 458	International Political Systems	3	
IPD 459	Applied Master Studies in International Peace & Dispute Resolution	3	
IPD 460	Economics of Violence and Peace	3	
IPD 461	Immigration & Environmental Law	3	
IPD 462	The United Nations and World Politics	3	
IPD 463	Alternative Dispute and Resolution	3	
IPD 464	Worker's Compensation Law	3	
IPD 465	Comparative Peace Processes	3	
IPD 466	Negotiation Analysis and Skills	3	
IPD 467	Democracy and Political Change Reform	3	

MASTER OF ARTS & SCIENCE (MA/MS) PROGRAM – AM&P/IP&L			
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
AMP 430	Applied Master Studies in Agribusiness Management and Agribusiness Management & Policy	3	
AMP 431	Sustainable Agriculture	3	
AMP 432	Agricultural Leadership & Communication	3	
AMP 434	Agricultural Science & Technology	3	
AMP 435	U.S. and International Agriculture & Natural Resources	3	
IPL 436	Applied Master Studies in Industrial Psychology & Leadership	3	
IPL 437	Industrial/Organizational Psychology	3	
IPL 438	Leadership and Management	3	
IPL 439	Organizational Development	3	
IPL 440	Recruitment, Selection, and Training	3	

MASTER OF ARTS & SCIENCE (MA/MS) PROGRAM – CJS			
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
CJS 441	Applied Master Studies in Criminal Justice Systems	3	
CJS 442	Cybersecurity Systems	3	
CJS 443	Policy & Surveillance	3	
CJS 444	Corporate and Community Crimes	3	
CJS 445	Artificial Intelligence in Criminal Justice Systems	3	
CJS 446	Crime and Forensics	3	
CJS 447	Juvenile Delinquency	3	
CJS 448	National Security, Terrorism, and Prevention	3	
CJS 449	Advance Criminology	3	
CJS 450	Constitutional Law in the Criminal Justice System	3	

AGRIBUSINESS PROGRAM – AGRIBUSINESS MANAGEMENT

This program is designed to produce marketable graduates that are research-oriented and knowledgeable in bridging the gaps between policy and practice in agribusiness; agribusiness operations and technology and maintaining a competitive advantage in public and private agribusiness activities.

AGRIBUSINESS PROGRAM – AGRONOMY

This program is designed to meet the needs of a diverse student body whose unifying characteristic is an interest in the application of biological principles to the solution of problems in crop production and resource management. The program aims to foster a sense of community among the students and to provide them with a breadth of knowledge about agronomic and horticultural principles and how they are used in a variety of practices.

MASTER OF SCIENCE (MS) PROGRAM – AGRIBUSINESS MANAGEMENT

Course No.	Course	Credit(s)	Grade
AGB 400	Introduction to Masters Studies	1	
AGB 401	Advanced Agribusiness Research	3	
AGB 402	Advanced Statistics with Computer Applications	3	
AGB 403	Advanced Agribusiness Management	3	
AGB 404	Strategic Marketing Management	3	
AGB 405	Methods of Research I (Quantitative)	3	
AGB 407	Methods of Research II (Qualitative)	3	
AGB 408	Strategic Human Resource Management	3	
AGB 409	Agribusiness Operations Management	3	
AGB 410	Innovative and Integrative Arrangements in Managing Agribusiness Enterprises	3	
AGB 411	Econometrics for Agribusiness	3	
AGB 412	Agribusiness Analysis and Forecasting	3	
AGB 413	Environment of Agribusiness	3	
AGB 414	Advanced Agribusiness	3	
AGB 415	Food Security Policy Formulation and Implementation	3	
AGB 416	Financial Analysis for Agribusiness Firms	3	
AGB 417	Theory and Practice of Entrepreneurship	3	
AGB 418	Technology Commercialization and Technopreneurship	3	
AGB 419	E-Commerce and Online Business Management	3	

MASTER OF SCIENCE (MS) PROGRAM – AGRONOMY

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
AGR 400	Introduction to Masters Studies	1	
AGR 401	Current Trends in Agriculture	3	
AGR 402	Research Perspectives in Agriculture	3	
AGR 403	Applied Multivariate Modeling in Agricultural and Environmental Sciences	3	
AGR 404	Advanced Ecological Agriculture	3	
AGR 405	Design and Assessment of Farming Systems	3	
AGR 406	Methods of Research I (Quantitative)	3	
AGR 407	Methods of Research II (Qualitative)	3	
AGR 408	Physiology of Herbicides	3	
AGR 409	Herbicides-Soil Interaction	3	
AGR 410	Advanced Plant Breeding	3	
AGR 411	Crop Evolution	3	
AGR 412	Stress Physiology of Plants	3	
AGR 413	Molecular Plant Breeding	3	
AGR 414	Seed Science, Technology and Program Development	3	
AGR 415	Agribusiness Operations Management	3	
AGR 416	Innovative and Integrative Arrangements in Managing Agribusiness Enterprises	3	
AGR 417	Econometrics for Agribusiness	3	

AGRIBUSINESS PROGRAM – HORTICULTURE

This program is designed to meet the needs of a diverse student body whose unifying characteristic is an interest in the application of biological principles to the solution of problems in crop production and resource management. The program aims to foster a sense of community among the students and to provide them with a breadth of knowledge about agronomic and horticultural principles and how they are used in a variety of practices.

AGRIBUSINESS PROGRAM – ANIMAL SCIENCE

The program is designed to harness the academic, skills, and competencies of graduate students in research, extension, and the development of professional in the academe and industries. The program encompasses the scientific disciplines underpinning the management of farm, companion and captive animals.

MASTER OF SCIENCE (MS) PROGRAM – HORTICULTURE

Course No.	Course	Credit(s)	Grade
HLC 400	Introduction to Masters Studies	1	
HLC 401	Current Trends in Agriculture	3	
HLC 402	Research Perspectives in Agriculture	3	
HLC 403	Applied Multivariate Modeling in Agricultural and Environmental Sciences	3	
HLC 404	Advanced Ecological Agriculture	3	
HLC 405	Design and Assessment of Farming Systems	3	
HLC 406	Methods of Research I (Quantitative)	3	
HLC 407	Methods of Research II (Qualitative)	3	
HLC 408	Post Harvest Physiology of Perishable Crops	3	
HLC 409	Applied Vegetable Crop Physiology	3	
HLC 410	Applied Fruit Crops Physiology	3	
HLC 411	Reproductive Crop Physiology	3	
HLC 412	Physiology and Biochemistry of Endogenous Growth Regulators	3	
HLC 413	Crop Seed Physiology	3	
HLC 414	Plant Morphogenesis	3	
HLC 415	Advanced Plant Breeding	3	
HLC 416	Crop Evolution	3	
HLC 417	Stress Physiology of Plants	3	

MASTER OF SCIENCE (MS) PROGRAM – ANIMAL SCIENCE

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
ANS 400	Introduction to Masters Studies	1	
ANS 401	Current Trends in Agriculture	3	
ANS 402	Research Perspectives in Agriculture	3	
ANS 403	Applied Multivariate Modeling in Agricultural and Environmental Sciences	3	
ANS 404	Advanced Ecological Agriculture	3	
ANS 405	Design and Assessment of Farming Systems	3	
ANS 406	Methods of Research I (Quantitative)	3	
ANS 407	Methods of Research II (Qualitative)	3	
ANS 408	Advances in Swine Production	3	
ANS 409	Advanced Courses in Cattle and Goat Production	3	
ANS 410	Advanced Poultry Production	3	
ANS 411	Conservation of Grass and Forage Crop	3	
ANS 412	Advanced Course in Meats	3	
ANS 413	Artificial Breeding of Farm Animals	3	
ANS 414	Advanced Animal Breeding	3	
ANS 415	Advanced Animal Nutrition	3	
ANS 416	Advances in Dairy Production	3	
ANS 417	Dairy Products Processing	3	
ANS 418	Quality Control of Dairy Products	3	

AGRIBUSINESS PROGRAM – AQUACULTURE

The program is designed to train up researchers in aquaculture to be able to conduct and lead research and innovation in research departments in both the private sector on improvements in the production of aquatic organisms.

AGRIBUSINESS PROGRAM – ORGNIZATIONAL DEVELOPMENT AND LEADERSHIP

The program is designed to harness the academic, skills, and competencies of graduate students in research, extension, and the development of professional in the academia and industries. The program encompasses the scientific disciplines underpinning the organizational management, leadership and organizational change.

MASTER OF SCIENCE (MS) PROGRAM – AQUACULTURE

Course No.	Course	Credit(s)	Grade
AQU 400	Introduction to Masters Studies	1	
AQU 401	Current Trends in Agriculture	3	
AQU 402	Research Perspectives in Agriculture	3	
AQU 403	Applied Multivariate Modeling in Agricultural and Environmental Sciences	3	
AQU 404	Advanced Ecological Agriculture	3	
AQU 405	Statistics and Study Design for Fisheries Science	3	
AQU 406	Methods of Research I (Quantitative)	3	
AQU 407	Methods of Research II (Qualitative)	3	
AQU 408	Advances in Aquaculture Production Systems	3	
AQU 409	Advances in Seed Production and Hatchery Management	3	
AQU 410	Aquaculture System Management	3	
AQU 411	Aquaculture Site and Operational Assessment	3	
AQU 412	Fish and Shellfish Physiology and Endocrinology	3	
AQU 413	Breeding & Culture of Ornamental Fishes	3	
AQU 414	Engineering of Water Management for Aquaculture	3	
AQU 415	Fisheries Resource Assessment Strategies	3	
AQU 416	Legal Aspects of Fisheries Resource Management	3	
AQU 417	Fisheries Policy and Planning	3	

MASTER OF SCIENCE (MS) PROGRAM

ORGANIZATIONAL DEVELOPMENT AND LEADERSHIP

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
ODL 400	Introduction to Masters Studies	1	
ODL 401	Foundations of Leadership Theory	3	
ODL 402	Socio-Cultural Dynamics, Morality, & Diversity in the Workplace	3	
ODL 403	Spirituality and Ethics of Leadership	3	
ODL 404	Leadership, Creativity, Innovation, and Change	3	
ODL 405	Methods of Research I (Quantitative)	3	
ODL 406	Methods of Research II (Qualitative)	3	
ODL 407	Strategic Human Resource Management	3	
ODL 408	Advanced Seminar: The Leader as a Coach	3	
ODL 409	Advanced Seminar: Leading Organizational Change	3	
ODL 410	Advanced Seminar: Social Organizational Psychology	3	
ODL 411	Leadership and Organizational Cultures	3	
ODL 412	Current Issues in Global Issues in Industrial and Organizational Psychology	3	
ODL 413	Advanced Research on Public Policy Implementation	3	
ODL 414	Cultures and Strategic Leadership in the Bureaucracy	3	
ODL 415	Management of Corporate Culture	3	
ODL 416	Labor Law and Social Legislations	3	
ODL 417	Human Resource Management Policy Formulation	3	

**MASTER OF SCIENCE (MS) PROGRAM
ENVIRONMENTAL SCIENCE AND MANAGEMENT**

Course No.	Course	Credit(s)	Grade
ESM 413	Applied Master Studies in Environmental Science & Management	3	
ESM 414	Environmental Economics in Leadership	3	
ESM 415	Global Environment Change & Environmental Justice	3	
ESM 416	Environmental Politics & Policy	3	
ESM 417	Water Resources and Environmental Policy	3	
ESM 418	Land and Water Use	3	
ESM 419	Climate Change: Science and Society	3	
ESM 420	Environmental Sustainability & Resilience	3	
ESM 421	Environmental Cost-Benefit Analysis	3	
ESM 422	Environmental, Culture & Community	3	
ESM 423	Environmental Project Management	3	
ESM 424	Community-Based Conservation	3	
ESM 425	Environmental Conflict Resolution	3	
ESM 426	Sustainable Forest Management	3	
ESM 427	Sustainable Food Production	3	
ESM 428	Financial skills & Managerial Accounting	3	
ESM 429	Climate Communication and Public Engagement	3	
ESM 430	Environmental Change: Causes & Impacts	3	