ANISFIELD SCHOOL OF BUSINESS ADVISEMENT SHEET – INFORMATION TECHNOLOGY MANAGEMENT

RAMAPO COLLEGE OF NEW JERSEY   B.S. DEGREE   **INFORMATION TECHNOLOGY MANAGEMENT** 128 CREDITS   **2023-2024**

General Education (36 credits)

	Prerequisites	**Comments**
INTD 101 First Year Seminar **OR** HNRS 101 Honors First Year Seminar		Waived for Transfer students at 48 cr.
CRWT 102 Critical Reading and Writing II		
AIID 201 Studies in Arts and Humanities **OR** HNRS 201 Honors Studies in Arts & Humanities	CRWT 102	Waived for Transfer students at 48 cr.
SOSC 110 Social Science Inquiry **OR** HNRS 110 Honors Social Science Inquiry		Waived for Transfer students at 48 cr.
KEYSTONE CATEGORIES		
SELECT ONE - Historical Perspectives	*	Waived for Transfer students at 48 cr.
SELECT ONE - Global Awareness	*	Waived for Transfer students at 48 cr.
SELECT ONE - Quantitative Reasoning	*	See ASB Foundation requirement below
SELECT ONE – Scientific Reasoning	*	
DISTRIBUTION CATEGORIES**		
Systems, Sustainability, & Society	*	
Values and Ethics	*	BADM 301 Ethics in Business double-counts as GE – Values and Ethics and ASB Core Requirement
Culture and Creativity	*	

*Varies –see College Catalog for corresponding course requirements
**Select two courses from the three categories; one must be outside school of declared major

Anisfield School of Business Foundation (4 of 36 General Education credits)   Prerequisites   Comments

SELECT ONE: **Quantitative Reasoning:**		
MATH 108 Elementary Probability and Statistics OR		
MATH 110 Precalculus OR MATH 121 Calculus	*	

Students may take or transfer in any one of these three Math classes; MATH 108 Elementary Probability and Statistics is highly recommended
*Varies –see College Catalog for corresponding course requirements

Anisfield School of Business Core (56 credits)

	Prerequisites	**Comments**
ECON 101 Microeconomics		Coreq: CRWT 102
ECON 102 Introduction to Macroeconomics		
ACCT 221 Principles – Financial Accounting		
ACCT 222 Principles – Managerial Accounting	ACCT 221	Coreq: CRWT 102
BADM 223 Business Law I	CRWT 102	
INFO 224 Principles of Information Technology		Coreq: CRWT 102
BADM 225 Management Statistics	MATH 108 or 110 or 121	
MKTG 290 Marketing Principles and Practices		Coreq: CRWT 102
FINC 301 Corporate Finance I	ACCT 221 & BADM 225 & Math 108 or 110 or 121	Coreq: CRWT 102

Anisfield School of Business Core (56 credits)

	Prerequisites	Comments
MGMT 302 Managing Organizational Behavior	Junior/Senior Class Level	Coreq: CRWT 102 Career Pathways: BADM 001,002, **AND** 003
MGMT 370 Operations Management	ACCT 221 & BADM 225	Coreq: CRWT 102
BADM 495 Strategic Management	Graduating Senior and INFO 441 (may be taken concurrently)	
SELECT ONE: **International Business Category**		
IBUS 326 Fundamentals of International Business	CRWT 102, ECON 102	
IBUS 305 Politics of International Investment	CRWT 102	
IBUS 321 China and Other Business Environments in Asia		
IBUS 335 Doing Business in Latin America		
IBUS 336 Doing Business in Africa		
IBUS 340 European Business Community		
ECON 323 Comparative Economic Systems	ECON 101 or POLI 205	
ECON 325 International Economics	ECON 101 & 102	
SELECT ONE: **Ethics Category**:		
INFO 315 Computer Law and Ethics*	INFO 224, Junior/Senior Class Level	
BADM 301 Ethics in Business**	CRWT 102	

* INFO 315 Computer Law and Ethics double-counts as an ITM elective
**BADM 301 Ethics in Business double-counts as GE – Values and Ethics

Information Technology Management Major (32 credits)

	Prerequisites	Comments
Required Information Technology Management Courses (20 credits)		
INFO 233 Intro to Programming	C grade or better in INFO 224	
INFO 332 Database Management Systems	C grade or better in INFO 224	
INFO 335 Networks and Distributed Processing	C grade or better in INFO 224	
INFO 342 Systems Analysis & Design	INFO 233 & 332 & 335	
INFO 441 Information Technology Management	INFO 233 & 332 & 335 & 342, Senior Class Level	
Information Technology Management Electives: (Select Three) (12 credits)		
INFO 240 Web Site Development		As scheduled
INFO 301 Programming in Java	INFO 224	As scheduled
INFO 310 Business Analytics I	INFO 224 and BADM 225	
INFO 311 Business Analytics II	INFO 310	
INFO 315 Computer Law and Ethics	INFO 224	
INFO 316 Digital Forensics	INFO 224 or CMPS 147	As scheduled
INFO 320 Tools for Analytics	INFO 224 and BADM 225	
INFO 333 Data Visualization	INFO 224 and BADM 225	
INFO 340 Cybersecurity	INFO 224	As scheduled
INFO 402 Advanced Web Development	INFO 223 or 301 or CMPS 14	As schedule

INFO 422 Decision Support Systems	INFO 224	As scheduled
INFO 444 Intelligent Information Systems	INFO 224	
INFO 450 Technology-Enhanced Business	CMPS 147 or INFO 233 or INFO 301	
One Free Elective		

Three Career Pathways Modules (Required for Graduation, 0 credits)		Complete by the end of
PATH SB 1 Self-Assessment	PATH SB 1	2nd semester
PATH SB2 Resume/LinkedIn Profile/Cover Letter	PATH SB 2	3rd semester
PATH SB3 Interviewing Skills	PATH SB 3	4th semester
All ASB Career Pathways courses must be completed prior to graduation.		

*BADM 120 Excel Expert Certification Prep (2 cr.) is recommended for all Information Technology Management majors in the <u>second year, second semester</u>