

Bachelor of Science Information Technology and Administrative Management (ITAM) Information Sheet

This program is designed to prepare students for Information Technology or Retail Management and Technology careers. Students completing this major will take the pre-admission courses (14 credits), the core courses (53 credits), and select one of four areas of specialization: Network Administration and Management, Web and Database Administration and Management, Administrative Management, and Retail Management and Technology.

A cumulative grade point average of 2.3 in ITAM courses must be achieved with a minimum grade of C- in each course. Students must apply and be accepted into the major prior to beginning 300- or 400-level ITAM courses. At the time of application, the 14 credits of pre-admission coursework should be completed. Additionally, IT 101 should be completed for those students not transferring in an AA degree. Students are required to complete ADMG/IT/RMT 490 Internship (9-12) credits. The Internship course is offered summer quarter. See Financial Aid for summer funding options.

Pre-Admission Requirements:

IT 248 Web Fundamentals	2	ADMG 201 Introduction to Business	3
IT 260 Integrated IT Applications	5	ADMG 271 Business Math Applications	4
Total Pre-Admission Credits	14		

Core Requirements:

ADMG 310 Professional Development	3	IT 301 IT Security, Privacy, and Ethics	3
ADMG 371 Administrative Management	4	IT 351 Computer Networks	4
ADMG 372 Leadership and Supervision	3	IT 359 Advanced Spreadsheet Application	3
ADMG 374 Project Management	5	IT 422 Web Site Construction	4
ADMG 376 Project Management & Info Tech	3	IT 468 Projects in Database	4
ADMG 385 Business Comm & Report Writing	5	RMT 340 Principles of Selling	4
ADMG 485 Managerial Communications	3	*ACCT 301 Financial Accounting	5
Total Core Credits	53	*ACCT 251 and ACCT 252 can be substituted for ACCT 301	
Total Credits of Pre-Admission and Core Credits	67		



Network Administration and Management Specialization. Network Administration and Management students become qualified business professionals prepared to pursue careers that apply a wide variety of network administration skills. These qualifications are complemented by business communications and human-centered skills. Graduates in the Network Administration specialization secure positions as network administrators, network analysts, network managers, data communication analysts, network operations analysts, network specialists, network technicians, PC support specialists, PC network engineers, and user support specialists.

Pre-Admission and Core Requirements: 67

Network Administration and Management Requirements: (specialization credits 28-31)

IT 362 Wireless Communication	3
IT 457 Network Security	4
IT 453 Computer Network Management	4
IT 461 Systems Analysis	4
IT 462 Systems Design	4
IT 490 Internship (Note: summer quarter only)	9-12

Electives: (select 12-15 credits)

IT 455 Directory Services	4
IT 456 Advanced Computer Network Management	4
IT 379 Internship Planning	1
RMT 335 Retail Information Technology	4
BUS 241 Legal Environment of Business	5

Total Credits with Network Specialization: 110



Web and Database Administration and Management Specialization. Web and Database Administration and Management students become qualified business professionals prepared to pursue careers that apply a wide variety of web and database skills. These qualifications are complemented by business communications and human-centered skills. Graduates in the Web/Database Administration specialization secure positions as web administrators, database administrators, web designers, database developers, web page developers, database managers, and web masters.



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Web/Database Specialization *Continued* Pre-Admission and Core Requirements:

67

Web/Database Administration Requirements: (specialization credits 31-34)

IT 426 Application of Web Languages	4
IT 428 Web Applications	4
IT 469 Enterprise Database Systems: SQL	3
IT 461 Systems Analysis	4
IT 462 Systems Design	4
IT 470 Database and the Web	3
IT 490 Internship (Note: summer quarter only)	9-12

Electives: (select 9-12 credits)

IT 362 Wireless Communication	3
IT 353 Workstation Administration	4
IT 379 Internship Planning	1
RMT 330 Principles of Retailing	4
RMT 335 Retail Information Technology	4
RMT 350 Retailing and E-Commerce	4
CS 105 The Logical Basis of Computing	4

Total Credits with Web/Database Specialization: 110



Administrative Management Specialization. Administrative Management students become qualified business professionals prepared to pursue careers that apply a blend of management, administrative, and information technology skills in contemporary administrative and information technology environments. These qualifications are complemented by business communications and human-centered skills. Graduates in Administrative Management secure careers as entry- and mid-level information technology and administrative managers.

Pre-Admission and Core Requirements:

67

Administrative Management Requirements: (specialization credits 27-30)

HRM 381 Human Resource Management	5
HRM 442 Training and Development	5
IT 461 Systems Analysis	4
IT 462 Systems Design	4
ADMG 490 Internship (Note: summer quarter only)	9-12

Electives: (select 13-16 credits)

BUS 241 Legal Environment of Business	5
COM 345 Business & Professional Speaking	4
ADMG 379 Internship Planning	1
PSY 487 Group Processes and Leadership	3
IT 353 Workstation Administration	4
PSY 456 Industrial & Organizational Psychology	4

Total Credits with Administrative Management Specialization: 110



Retail Management and Technology Specialization. Retail Management and Technology students become qualified business professionals prepared to pursue careers in retail environments that infuse information technology in areas such as e-commerce, management, selling, purchasing, operations, and merchandising. These qualifications are complemented by business communications and human-centered skills. Graduates in the Retail Management and Technology specialization secure careers in store operations, store management, IT and E-Commerce, sales, distribution and logistics, merchandise buying and planning, and entrepreneurship.

Pre-Admission and Core Requirements:

67

Retail Management and Technology Requirements: (specialization credits 37-40)

RMT 330 Principles of Retailing	4
RMT 335 Retail Information Technology	4
RMT 350 Retailing and E-commerce	4
RMT 467 Retail Management	4
RMT 470 Critical Issues in Retail Technology	4
RMT/FCSA 485 International Retailing	4
RMT/FCSA 489 Retail Buying	4
RMT490 Internship (Note: summer quarter only)	9-12

Electives: (select 3-6 credits)

RMT 379 Internship Planning	1
IT 353 Workstation Administration	4
IT 362 Wireless Communication	3
IT 470 Database and the Web	4
BUS 241 Legal Environment of Business	5

Total Credits with Retail Management and Technology Specialization: 110

