

Bachelor of Arts
Major in Information Management and Systems
Student Worksheet

General Education Courses

<p>I. Communication 9</p> <p>_____ SEGL 101 and SEGL 102</p> <p>_____ SSPH 201</p>	<p>VI. Foreign Language and Culture 3</p> <p><i>Foreign Language minimum 102 level</i></p> <p>_____ SCHI 102; SFRN 102; SGRM 102; SSPN 102</p> <p>Placement in a 201 or higher level language course (Students placing into 201 or higher level of a language have satisfied this requirement but will have additional hours in electives, if hours are required in the major).</p>
<p>II. Mathematics 6</p> <p><i>One math course:</i></p> <p>_____ SMTH 121, 122, 126, 127, 141, 142,</p> <p><i>One statistics course:</i></p> <p>_____ SECO 291; SMTH 102; SPSY 225; SSOC 201</p>	<p>VII. History 3</p> <p>_____ SHST 101, 102, 105, or 106</p>
<p>III. Information Technology 3</p> <p>_____ SCSC 138, 150; SIMS 101</p>	<p>VIII. Social and Behavioral Sciences 6</p> <p><i>Two courses from the following with two disciplines represented:</i></p> <p>_____ SANT 102; SAAS 201; SECO 221, 222; SGEG 101, 103; SGIS 101, 200 320; SPSY 101; SSOC 101; SWST 101</p>
<p>IV. Natural Science 7-8</p> <p><i>Two courses from the following:</i> <i>(at least one with the associated lab)</i></p> <p>_____ SAST 111/L; SBIO 101/L, 102/L, 110/L, 206, 240, 242/L, 270; SCHM 101/L, 105, 106, 107, 109/L, 111/L, 112/L; SGEG 201, 202; SGEL 101/L, 102/L, 103/L, 120, 121, 123/L, 131, 241; SPHS 101/L, 201/L, 202/L, 211/L, 212/L</p>	<p>_____ Major Requirements¹</p> <p>_____ Information Technology Core 45</p> <p><i>Foundation</i></p> <p>_____ SIMS 201: Concepts of Information Management & Systems 3</p> <p>_____ SCSC 139: Visual BASIC Programming I 3</p> <p>_____ SIMS 211: Microcomputer Organization 3</p> <p>_____ SIMS 307: Systematic Innovation 3</p> <p><i>Informatics</i></p> <p>_____ SIMS 303: Organizational Informatics and IT Platforms 3</p> <p>_____ SIMS 305: Social Informatics 3</p> <p><i>Networking Technology</i></p> <p>_____ SCSC 315: Networking Technology 3</p> <p>_____ SIMS 415: E-Commerce and the Internet 3</p>
<p>V. Arts and Humanities 6</p> <p><i>One fine arts course:</i></p> <p>_____ SAAS 204; SATH 101, 105, 106; SMUS 110, 140; STHE 161, 170</p> <p><i>One course from the following:</i> <i>(no more than 3 credit hours from a specific discipline)</i></p> <p>_____ SAAS 204; SAMS 101, 102; SATH 101, 105, 106; SEGL 250, 252, 275, 279, 280, 283, 289, 290, 291; SFLM 240; SMUS 110, 140; SPHL 102, 211; SREL 103; STHE 161, 170</p>	

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Database Technology

_____	SCSC 325: Fundamentals of Relational Databases	3
_____	SIMS 421: Data Warehousing and Decision Support Systems Technology	3

IT Management

_____	SIMS 441: IT Project Management	3
_____	SIMS 450: Executive IT Management	3

Capstone

_____	SIMS 499: Senior Seminar	3
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Technical Electives (choose two) 6

_____	SIMS 399: Independent Study	3
_____	SIMS 498: Experiential Learning	3
_____	SIMS 422: Knowledge-Based Systems	3
_____	SIMS 423: Human/Machine Interaction	3
_____	SIMS 440: Workflow & Business Process Re-Engineering	3
_____	SHIM 417: Healthcare Information Security	3

Digital Media & Comm. Core 9

_____	SEGL 245: Professional Writing	3
_____	SIMS 345: Technical Presentation	3
_____	SIMS 347: Web Page Construction	3

(Student chooses one Application Area or a Minor)**Application Areas**¹**Business Informatics** 18

_____	SBAD 225: Financial Accounting	3
_____	SBAD 226: Managerial Accounting	3
_____	SBAD 371: Organizational Management and Behavior	3
_____	SBAD 390: Business Information Systems	3
_____	SIMS 440: Workflow & Business Process Re-Engineering	3
_____	Choose one upper level business or economics course	3

Health Informatics 18

_____	SHIM 201: Understanding Healthcare Organizations	3
_____	SHIM 301: Healthcare Information Systems	3
_____	SHIM 302: Information Trends in Healthcare Systems	3

_____	SHIM 413: Network Applications for Healthcare	3
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Choose two courses from the following:

_____	SHIM 412: Ethics and Risk Management in Healthcare Info Syst.	3
_____	SHIM 417: Healthcare Information Security	3
_____	SHIM 450: Healthcare Database Systems and Information Retrieval	3
_____	SIMS 422: Knowledge-Based Systems	3

Media Informatics 18

_____	SSPH 301: Theories and Principles of Human Communication	3
_____	SJOU 201: Survey of Mass Communication	3

Choose four courses from the following:

_____	SSPH 303: Ethics in Communication	3
_____	SSPH 310: Interpersonal Communication	3
_____	SSPH 448: Organizational Communication	3
_____	SSPH 450: Communication for Social Change	3
_____	SJOU 303: Law and Ethics of the Mass Media	3
_____	SJOU 310: Mass Media and Society	3
_____	SJOU 326: Motion Picture and Video Techniques	3
_____	SJOU 328: Public Relations and Persuasion	3
_____	SEGL 318: Writing and Computers of the Mass Media	3
_____	SEGL 345: Advanced Professional Writing	3
_____	SEGL 346: Technical Writing	3

Minor Option¹ (Discipline) 18-27**Supporting Course**¹ 3-6

_____	Cultural Studies selected with approval of advisor or foreign language 101	3
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Electives 0-2**Total Hours Required** 120-128¹A minimum grade of C is required.