Department of Informatics: Information Management & Systems/Health Information Management

Student Name: **ID:**

Advised by: **Date:**

General Education Requirements (D or better is required except for SIMS courses) **43**

I. Communication

_____ SSPH 201: Speech 3
_____ SEGL 101: Composition and _____SEGL 102: Composition/Literature 6

II. Mathematics

_____ SMTH 121: College Algebra (or higher-level except SMTH 202 & 315) 3
_____ SPSY 225: Psychological Statistics (or other HC Stats) 3

Ill. Information Technology

_____ Information Technology: SIMS 101, SCSC 138, 150 3

IV. Natural Sciences (one 3-hour & one 4-hour course is required)

_____ Two courses selected from: SAST 111/L; SBIO 101/L, 102/L, 110/L, 206, 3
_____ 240, 242/L, 270; SCHM 101/L, 105, 106, 107, 109/L, 111/L, 112/L, SGEG 4
201; SGEL 101/L, 102/L, 103/L, 120, 121, 123/L, 131; SPHS 101/L, 201/L, 202/L, 211/L, 212/L

V. Arts and Humanities

_____ Fine Arts: SAAS 204; SATH 101, 105, 106; SMUS 110; STHE 161, 170 3
_____ SAAS 204; SAMS 101, 102; SEGL 250, 275, 279, 280, 283, 289, 290, 3
291, 301, 319, 320, 322, 329, 330, 340, 350, 383, 389, 391, 395, 398, 400, 401, 405, 406, 408, 409, 411, 412, 417, 419, 422-430, 436, 437, 447, 485; SEGL 252; SFLM 240, 342, 475, 481; SPHL 102, 211; SREL103; STHE 161, 170

VI. Foreign Culture

_____ Foreign Language 102 3

VII. History

_____ SHST 101, 102, 105 or 106 3

VIII. Social and Behavioral Sciences

_____Two courses selected from the following with two disciplines represented: 6
_____ SANT 102; SAS 201; SECO 221, 222; SGEG 101, 103; SGIS 101, 200, 320; SPSY 101; SSOC 101; SWST 101

Information Technology Core (C or better required in all courses) **21**

Foundation

_____ SIMS 303: Organizational Informatics 3

Networking Technology

_____ SCSC 315: Networking Technology 3
_____ SIMS 415: E-Commerce and the Internet 3

File and 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

Technical Electives (C or better required in all courses; select four) **12**

____ SIMS 201: Concepts of Information Management and Systems 3
____ SIMS 211: Microcomputer Organization 3
____ SIMS 305: Social Informatics 3
____ SIMS 345: Technical Presentation 3
____ SIMS 307: Systematic Innovation 3
____ SIMS 347: Webpage Construction 3
____ SHIM 417: Information Security 3

Capstone Courses (C or better is required in all courses.) **6**

_____ SHIM 498: Professional Practice Experience 3
_____ SIMS 499: Senior Seminar 3

HIM Electives (with approval of advisor) **18**

(MTC: HIM 115, 120, 216, 225, 115, 125, 215, 266, 227) (GTC: HIM 110, 115, 215, 216, 225, 227, 265, 266)

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Healthcare Informatics (C or better required in all courses) **21**

_____ SHIM 201: Understanding Healthcare Organizations 3
_____ SHIM 250: Department Administration in the HC Setting 3
_____ SHIM 301: Healthcare Information Systems 3
_____ SHIM 302: Information Trends in Healthcare Systems 3
_____ SHIM 412: Ethics/Risk 3
_____ SHIM 413: Network Applications for Healthcare Systems 3
_____ SHIM 450: Healthcare Database Systems and Information Retrieval 3

TOTAL CREDITS: 121