UAB and Miles College: Proposed Accelerated Masters 4+1

UAB SCHOOL OF HEALTH PROFESSIONS

Department of Health Services Administration

Health Informatics Program

Founded 1898

MILES COLLEGE

The Mission

- UAB, the School of Health Professions, and the Department of Health Services Administration are on a mission towards diversity, equity, and inclusion

  - **Diversity** – a range of different things, in this case, people
  - **Equity** – being fair and impartial
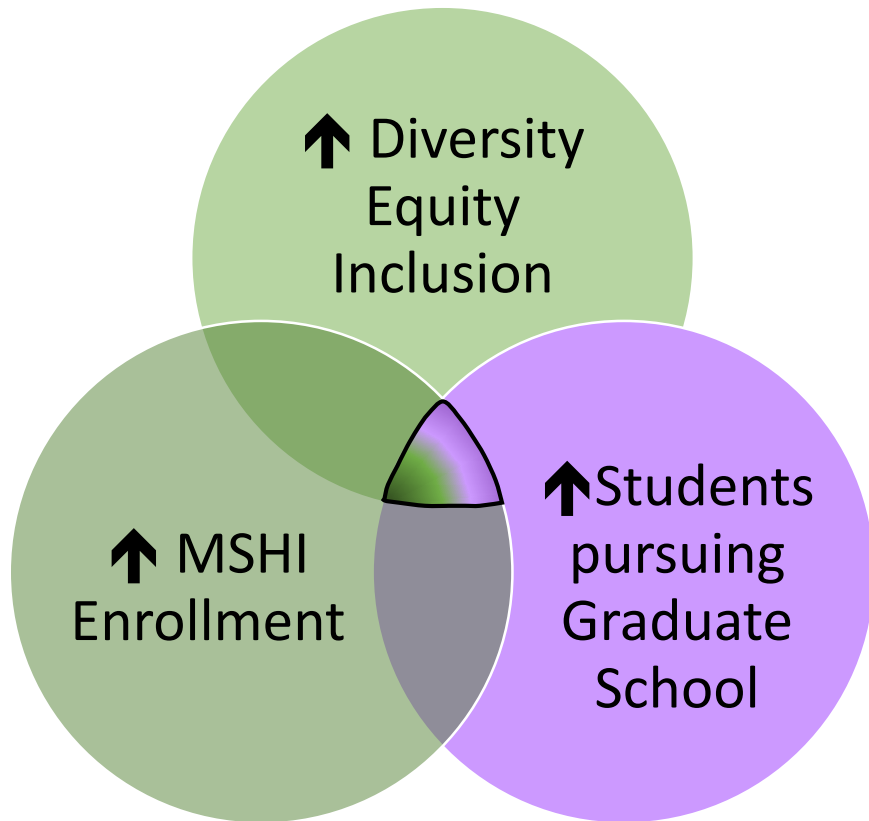 - **Inclusion** – learning to live together

EXAMPLES OF DIVERSITY

ETHNICITY   GENDER   RELIGION

DISABILITY   THINKING STYLE

This **new way of thinking** about D&I focuses on **meeting the needs of the individual**; today, it's not only about **having diversity** within a company but **leveraging that diversity to produce better products and services.**

http://www.aperianglobal.com

The Opportunity

Diagram: Three overlapping circles (Venn diagram):
- ↑ Diversity Equity Inclusion
- ↑ MSHI Enrollment
- ↑ Students pursuing Graduate School

- UAB is increasing its efforts toward diversity, equity, and inclusion

- The MSHI program is trying to grow its enrollment

- Miles College, an undergraduate HBCU, wants to offer its students graduate school opportunities

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The Proposal

- Miles students would apply to UAB's MSHI program after their sophomore year

- The first UAB course would be taken in the summer between the junior and senior year

- The UAB MSHI degree is over UAB's required 30 credits, thereby allowing excess credits to be applied to the Miles undergraduate degree

Current Miles MIS Course Sequence								Proposed Miles/UAB 4+1 MIS Course Sequence							

FRESHMAN YEAR

Fall Semester

FYA	101	Orientation to the Academy	1
HI	101	World Civilization	3
SS	101	African American Experience	3
EN	101	English Composition I	3
MA	101	Intermediate Algebra	3
CIS	110	Computer Literacy	3
			16

Spring Semester

EN	102	English Composition II	3
SPE	111	Fundamentals of Speech	3
MA	110	Pre-Calculus I	3
HUM	201	Humanities	3
BY	101	General Biology I	3
BY	101L	General Biology I Lab	1
			16

Proposed Fall Semester

FYA	101	Orientation to the Academy	1
HI	101	World Civilization	3
SS	101	African American Experience	3
EN	101	English Composition I	3
MA	101	Intermediate Algebra	3
CIS	110	Computer Literacy	3
			16

Proposed Spring Semester

EN	102	English Composition II	3
SPE	111	Fundamentals of Speech	3
MA	110	Pre-Calculus I	3
HUM	201	Humanities	3
BY	101	General Biology I	3
BY	101L	General Biology I Lab	1
			16

SOPHOMORE YEAR

Fall Semester

EN	201	Intro to Literature OR	
EN	202	World Masterpieces	3
MIS	120	Fund of Microcomputer App	3
EC	201	Prin of Macroeconomics	3
RE	211	Survey of World Religions	3
MIS	211	Principles of Accounting I	3
			15

Spring Semester

MIS	202	Principles of Microeconomics	3
MIS	212	Principles of Accounting II	3
PS	201	Intro to American Government	3
MIS	260	Fundamentals of CIS	3
MIS	290	Introduction to Programming	3
			15

Proposed Fall Semester

EN	201	Intro to Literature OR	
EN	202	World Masterpieces	3
MIS	120	Fund of Microcomputer App	3
EC	201	Prin of Macroeconomics	3
RE	211	Survey of World Religions	3
MIS	211	Principles of Accounting I	3
			15

Proposed Spring Semester

MIS	202	Principles of Microeconomics	3
MIS	212	Principles of Accounting II	3
PS	201	Intro to American Government	3
MIS	260	Fundamentals of CIS	3
MIS	290	Introduction to Programming	3
			15

Application to UAB MSHI Program

JUNIOR YEAR

Fall Semester

PSY	201	General Psychology	3
MIS	361	Corporate Finance	3
MIS	381	Principles of Management	3
MIS	280	Concepts/Multimedia Develop	3
MIS	350	Project Management (moved to sr.	3
			15

Spring Semester

MIS	415	Management Information Systems	3
MIS	305	Internet Concepts/Practices	3
MIS	310	Website Design	3
MIS	315	Systems Analysis and Design	3
MIS	340	Principles of Marketing	3
			15

Proposed Fall Semester

PSY	201	General Psychology	3
MIS	361	Corporate Finance	3
MIS	381	Principles of Management	3
MIS	400	Database Management Systems (n	3
MIS	302	Business Statistics (moved up fron	3
			15

Proposed Spring Semester

MIS	415	Management Information Systems	3
MIS	305	Internet Concepts/Practices	3
MIS	310	Website Design	3
MIS	315	Systems Analysis and Design	3
MIS	340	Principles of Marketing	3
			15

Admission to UAB MSHI Program

Summer Semester

| HI | 601 | Databases and Data Modeling | 3 |

SENIOR YEAR

Fall Semester

MIS	302	Business Statistics (moves to jr. ye	3
MIS	323	Managerial Economics	3
MIS	360	Computer Networks and Data Com	3
MIS	400	Database Management Systems (n	3
			12

Spring Semester

MIS	395	Community Service Internship	4
MIS	402	Strategic Management	3
MIS	440	Electronic Commerce	3
MIS	449	Senior Seminar	3
MIS	450	Information Systems Security	3
			16

Proposed Fall Semester

HI	640	Health Informatics and Healthcare	3
MIS	323	Managerial Economics	3
MIS	360	Computer Networks and Data Com	3
HI	698	Special Topics in HI (with HI 640)	1
HI	600	System Analysis and Design	4
			17

Proposed Spring Semester

MIS	350	Project Management (moved from	3
HI	602	Clinical and Administrative System	3
HI	685	Principles in Health Informatics	3
MIS	450	Information Systems Security	3
			12

16 +1 UAB credits towards Miles UG
UAB credit toward UAB MSHI

Total Hours: 120 (Current)

Miles College course modifications
UAB courses in place of Miles College courses
Effective Fall 2015

Total Hours: 120 (Proposed)

Effective Fall 2015

After the senior year at Miles College, the student would graduate with a Bachelors from Miles College. They would then enter into the summer semester of year one at UAB. During this summer semester, the student would take HI 630 Strategic Planning and Contracting for Health Information Systems, HI 620 Security and Privacy in Healthcare, and HI 698 Special Topics in Helath

UAB SCHOOL OF HEALTH PROFESSIONS

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Health Informatics Program

Semester	Course	Core Course Title	Credit Hours
SuSr	HI 601	Databases and Data Modeling	3
FSr	HI 640	Introduction to Health Informatics and Health Care De	3
FSr	HI 600	Analysis and Design of Health Information Systems	4
FSr	HI 698	Special Topics in Health Informatics	1
SpSr	HI 602	Clinical & Adminstrative Systems	3
SpSr	HI 685	Priniciples in Health Informatics	3
Su1	HI 630	Strategic Planning & Contracting for Health Informatio	4
Su1	HI 620	Security and Privacy in Healthcare	4
Su1	HI 698	Special Topics in Health Informatics	1

17 -1

16 UAB credits towards Miles UG
1 UAB credit toward UAB MSHI

Year 1   **17** -1

9 +1

Semester	Course	Track Course Title	Credit Hours
		Data Analytics Track	**20**
F2	HI 664	Data Analytics Capstone	1
F2	HI 660	Healthcare Requirements Analysis	3
F2	HI 661	Advanced Databse Design and SQL for Healthcare	3
Sp2	HI 664	Data Analytics Capstone	1
Sp2	HI 662	Healthcare Business Intelligence	3
Sp2	HI 632	Quantitative Methods for Healthcare	3
Sp2	HI 686	Leadership Theory	1
Su2	HI 688	Leadership Advocacy	1
Su2	HI 687	Leadership Development	1
Su2	HI 664	Data Analytics Capstone	3
		User Experience Track	**20**
F2	HI 664	Data Analytics Capstone	1
F2	HI 651	Foundations of Healthcare User-Based Research	3
F2	HI 652	Design Thinking for Healthcare	3
Sp 2	HI 654	Healthcare User Experience Capstone	1
Sp2	HI 650	Foundations of Healthcare User-Based Design	3
Sp2	HI 653	Managing the User-Centered Development Process	3
Sp2	HI 686	Leadership Theory	1
Su2	HI 688	Leadership Advocacy	1
Su2	HI 687	Leadership Development	1
Su2	HI 664	Ux Capstone	3

20

OR

20

Year 2   **29** +1

UAB Total   **30**