

Approval Chart for Curriculum Changes

A = Approve I = Information Item¹ R = Advise & Respond²

Course Number n/a

or Degree Plan(s) MS IT Leadership

State the requested change and reason. A memo may be attached if more space is necessary.

See attached program change proposal:

- Old program outcomes (POs) are mapped to new outcomes on p. 2.*
- Course Catalog Description is on pp. 13 and 14.*

Circle the number that corresponds to the requested change. Degree plan changes are on the second page.

		COUNCIL ¹								
	Change to a Course	Dept./School	College Academic	Deans	TEC	UGEC	UUAC	GRAD	Provost	President
1.	Title (description unchanged)	A	A	A	I				I	I
2.	Description (not affecting content)	A	A	A	I				I	I
3.	Content (substantive change)	A	A	A	I				A	A
4.	Number of hours (lecture, lab, contact)	A	A	A	A				A	A
5.	Course number within the hundred	A	A	I	I				I	I
6.	Course number beyond the hundred	A	A	A	A				A	A
7.	Prerequisites	A	A	A	I				I	I
8.	Course fee(s)	A	--	A	--				A	I
9.	From U to G or G to U	A	A	A	A				A	A
10.	Cross list with another department: U or G level	A	A	A	A				A	A
11.	Department of record	A	A	A	A				A	A
12.	Open or close a course	A	A	A	A				A	A
13.	New course — See website for application and process. This change includes combining or splitting a course(s).	A	A	A	A				A	A

Note: When an academic unit does not have a council, the UGEC and/or UUAC will serve as its academic council, depending on the nature of the issue.

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		COUNCIL ¹										
	Change to a Degree Plan	Dept./School	College Academic	Deans	TEC	UGEC	UUAC	GRAD	Provost	Faculty	President	Board of Trustees
1.	University Requirements — Change in approved course content ⁶	A	A	A		A			A	--	A	--
2.	University Requirements — Add or drop a required course from the University Requirements chart ⁶	A	A	A		A			A	A	A	--
3.	University Requirements — Add or drop a course from a menu within the University Requirements ⁶	A	A	A		A			A	--	A	--
4.	University Requirements — Change hours within a menu on the University Requirements chart ⁶	A	A	A		A			A	A	A	--
5.	Major — Revision of major ^{4,5}	A	A	A		A			A	--	A	--
6.	Major — Adopt or change admission requirements	A	A	A		A			A	--	A	--
7.	Major — Add ^{4,5}	A	A	A		A			A	A	A	I
8.	Major – Discontinue (proposed by the department or college)	A	A	A		A			A	A	A	I
9.	Major – Discontinue (proposed by the Provost)				See below.							
10.	GPA — Revise major or cumulative requirement	A	A	A		A			A	A	A	--
11.	Minor — Revise course selection	A	A	A		I			I	--	I	--
12.	Minor — Add	A	A	A		A			A	--	A	--
13.	Minor – Discontinue (proposed by the department or college)	A	A	A		A			A	--	A	--
14.	Minor – Discontinue (proposed by the Provost)				See below.							
15.	Degree — Add	A	A	A		A			A	A	A	I
16.	Degree – Discontinue (proposed by the department or college)	A	A	A		A			A	A	A	I
17.	Degree – Discontinue (proposed by the Provost)				See below.							
18.	Any change to a graduate degree program	A	A	A		A			A	--	A	--

COUNCIL ¹										
	Provost-Proposed Change	Provost	Department	Dean	TEC	UUAC	Graduate	Faculty	President	Board of Trustees
1.	Major/Graduate Program – Discontinue (proposed by the Provost)	A	R	R	A			A	A	I
2.	Minor – Discontinue (proposed by the Provost)	A	R	R	A			--	A	--
3.	Degree – Discontinue (proposed by the Provost)	A	R	R	A			A	A	I

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COUNCIL ³									
	Change to the Catalog Information	Dept./School	College Academic	Deans	UGEC	UUAC	GRAD	Provost	President
1.	General requirements for graduation including course requirements that are common to all majors for all degrees ⁷	--	--	--		A		A	A
2.	Admission requirements	--	--	--		A		A	A
3.	Policies governing academic probation and suspension	--	--	--		A		A	A
4.	Requirements for graduating with honors	--	--	--		A		A	A
5.	Other academic policy changes	--	--	--		A		A	A

¹ Councils may request additional information about "Information" items. These items are approved as "Consent Agenda."

² The Dean and Department should respond to the Provost's recommendation to close a program in writing. Advise & Respond (R) requires that the voting body should receive the written responses at least one week prior to the vote.

³ All courses that meet University Requirements for general education must go through UGEC. Courses or degrees offered only to students seeking teacher certification must go through the Teacher Education Council. All undergraduate changes must go before the UUAC. All graduate degree plan changes must go through the Graduate Council.

⁴ A minimum of 30 hours is required for a major. A maximum is specified for each degree (e.g., BA, BS). The university minimum for elective hours is 6, unless the requirements of external accrediting bodies make it impossible.

⁵ Program or course changes that apply to any major that includes Teacher Certification will be reviewed by the college, the Teacher Education Council (TEC), and then the UUAC.

⁶ Courses that satisfy ACU's University Requirements (General Education) will normally have lower-level numbering, be free of prerequisites and co-requisites, appeal to more than one or two majors, and "not narrowly focus on those skills, techniques, and procedures specific to a particular occupation or profession" (SACS 2.7.3). Departments may request exceptions to the first three criteria.

⁷ The UUAC approved the clarification that "general requirements for graduation" means the enumerated items in the "General Requirements for Bachelor's Degrees" section of the catalog.

Revised 10-16-13

Curriculum/Catalog Changes Signature Page

Department/School Chair(s)

See included letter of support from Brad Crisp

Signature

Approval date

Signature

Approval date

College Academic Council(s)

Jaime Soff

Signature

3/1/2016

Approval date

Signature

Approval date

Dean(s)

Jaime Soff

Signature

3/1/2016

Approval date

Signature

Approval date

Teacher Education Council

Chair's signature

Approval date

General Education Council

Chair's signature

Approval date

Undergraduate Academic Council

Chair's signature

Approval date

Graduate Council

Chair's signature

Approval date

Provost

Signature

Approval date

Faculty

Chair of faculty senate

Approval date

President

Signature

Approval date

PROGRAM UPDATE APPLICATION

Proposal for Master of Information Technology Leadership

Basic Program Information

1. Title of Program: Master of Science in Information Technology Leadership
2. Type of Degree: MS
3. Home Department: ACU-Dallas
4. Prog. Developers: Brad Crisp, Brian Burton, Orneita Burton, Rob Byrd, John Homer, Blair Smith
5. Description of Program: See Appendix A for catalog description.

I. OVERVIEW

A. Mission of the Program

The mission of the Master of Science in Information Technology Leadership (ITL) is to prepare Information Technology (IT) professionals for administrative and technical roles enabled by organizational and technology skills and informed by principles of Christian vocation. This is accomplished through equipping technology leaders to:

- Practice effective leadership of IT operations within their organizational and global context;
- Create value through strategic use of data, information, and technology as organizational resources; and
- Make ethical decisions informed by values and goals that are consistent with relevant laws and Christian principles.

B. Goal

ACU's MS ITL program fills the need for a multidisciplinary leadership degree for technology professionals at the master's level. Graduates will benefit in professional career tracks where a master's degree is required or preferred. Concentrations offer graduates the chance to specialize in fields such as analytics and security, which are growing rapidly and have a surplus of job opportunities. ACU has an opportunity to offer a master's degree that will equip technology professionals for Christian service and leadership across several industries.

C. Outcomes

The MS ITL is organized around three Program Outcomes (POs) and supporting Student Learning Outcomes (SLOs). Several sources informed the creation of these outcomes: (1) the mission and vision of ACU; (2) benchmarking other MS IT programs across the country; and (3)

the expertise of faculty in the School of Information Technology and Computing (SITC). Appendix B contains a curriculum map linking the SLOs to specific courses. The POs and SLOs for the MS ITL curriculum are as follows (since this program is a modification of an existing degree, we identify how they related to original POs):

1. Leadership -- Graduates will practice effective leadership of IT operations within their organizational and global context. They will:
 - a. understand leadership and governance processes for the IT function. (modified version of original PO #1)
 - b. design effective communication and collaboration practices across functional, organizational and geographical boundaries. (modified version of original PO #2)
 - c. develop organizational policies and strategies to support the use of information systems. (modified version of original PO #3)
2. Information & Technology -- Graduates will create value through strategic use of data, information, and technology as organizational resources. They will: (modified version of original PO #5)
 - a. understand the acquisition, management, security, analysis, and application of data.
 - b. demonstrate knowledge of the architecture, components, and functions of enterprise and distributed information systems. (modified version of original PO #4)
 - c. apply innovative approaches with technology to improve organizational processes and outcomes.
3. Faith & Ethics -- Graduates will make ethical decisions informed by values and goals that are consistent with relevant laws and Christian principles. They will:
 - a. evaluate current management of technology and information resources in light of legal and ethical considerations. (modified version of original PO #6)
 - b. reflect on their vocation in the context of their personal values and goals.

D. Description of Target Audience

The MS ITL is designed with the working technical professional in mind. This program will allow IT professionals to fill leadership roles within their organization and achieve their career goals. Graduates of the ITL program will learn how to lead their organizations effectively, while strengthening their technical skills in the dynamic, high-demand arena of information technology. Targeted students are mid-career professionals in multiple industries, including those in technical fields wishing to strengthen their leadership abilities and those in business fields wanting to increase their technical expertise. Undergraduate degree holders from disciplines outside of technology-related majors will need some leveling pre-requisite courses, which will be offered in a separate track.

E. Admission Requirements

- Application for admission with a nonrefundable processing fee.
- Official transcript delivered securely from the regionally accredited college or university that awarded the baccalaureate degree to the applicant.
- A 3.0 or better cumulative undergraduate GPA. Provisional admission may be given to students with a 2.5-2.99 cumulative undergraduate GPA, with full admission granted after successful completion of three courses with a 3.0 or higher GPA.
- Course prerequisites for admission to the program include programming, databases, and networking.
- Purpose statement addressing career goals and fit with the program, including the Christian identity of the university and program.
- Current professional work experience for application of program knowledge (including a minimum of one year of full-time work experience before entering the program).
- Resume or CV.

International applicants to the MS ITL will be required to complete the standard graduate application requirements for all international students applying to the Graduate School, including TOEFL scores and transcript assessment for degrees completed outside of the United States (<http://www.acu.edu/graduate/prospective-students/international/index.html>).

II. FEASIBILITY STUDY AND DOCUMENTATION

A. Relation to ACU Mission and Key Emphasis

The mission of ACU is “to educate students for Christian service and leadership throughout the world.” In support of its mission, ACU is currently guided by the 21st Century Vision, consisting of four primary goals:

1. ACU will produce leaders who think critically, globally, and missionally.
2. ACU will build distinctive and innovative programs.
3. ACU will deliver a unique, Christ-centered experience that draws students into community.
4. ACU’s Christian influence and educational reach will be expanded nationally and internationally.

A Master of Science in Global Information Technology Leadership program will assist ACU in accomplishing each of the four goals of the 21st Century Vision. The first goal to produce leaders who think critically, globally, and missionally is the essence of the ITL program. Key program outcomes focus on graduates’ ability to practice effective leadership in the dynamic arena of information technology and to make decisions informed by critical analysis of information as well as ethical considerations based on Christian principles. The ITL is distinctive

and innovative because of its foundation in Christian vocation, as students will be required to reflect upon their own values and goals and the ways in which they are enacted in their technology roles. Additionally, the ITL program will be distinctive by allowing students to interact with industry professionals who offer expertise in areas of technology and leadership, as well as through optional online and face-to-face experiences. The program will draw students into Christ-centered community as they share their personal values and goals for their IT leadership roles. Finally, since the program is designed to be offered online this will expand ACU's reach and influence to a global audience.

B. Societal Need for Program

Through the evolution of technology, business has moved from brick and mortar establishments to cloud-based networks, creating a global marketplace. As technological advances continue to permeate our culture, the need for individuals who can manage the IT function also grows. There is an increasing need for those who understand and engage technology in a way that improves their organization. In fact, Forbes ranks Information Technology Management #5 on its top 15 masters programs of 2015 (Forbes, 2015). This program is designed to provide a strong foundation in IT Leadership, equipping students to fulfill the growing need for leaders in today's technology-driven marketplace.

C. Employment Demand for Graduates from the Program

Thirty-five years ago, a company's IT department consisted of a handful of people managing simple technological processes. Today, technology departments have become sizable entities, with growing personnel and financial resources needed to provide technological support to their organization. This expansion creates increased demand for IT professionals and, in turn, for IT leaders.

Additionally, organizations of all types are collecting large amounts of data and creating new opportunities for those in technology-related fields. Specifically, this creates opportunities in analytics and information security areas. The increase in data provides endless opportunities for individuals with deep analytical abilities. Corporations, governments and even nonprofit organizations require individuals who understand how to acquire, analyze, and utilize data to inform decision making. Additionally, with the mass collection of personal data, it is necessary to think about the process of securing information. Employers will need individuals who understand organizational security and approach information assurance from an ethical viewpoint (McKinsey & Company, May 2011).

D. Prospective Student Interest

Demand for IT managers is growing, making masters level education in technology-related areas beneficial to students. Programs like the MS ITL, which offers working professionals the ability to attend class part-time while continuing to work, provide flexibility and allow the student

to achieve career goals. The Bureau of Labor Statistics reports that technology professionals who attain a masters degree will earn 18-26% more than those with a bachelors, and roles in IT management will increase by 18% as over 55,000 jobs are added by 2020 ([Bureau of Labor Statistics](#), 2012). InformationWeek reports that careers in IT will see “the biggest salary growth” with salaries rising 5.3% in 2016 ([InformationWeek](#), October 2015). There are over 100 programs, both residential and online, that offer technology-related masters with focus on analytics or security. ACU's program is distinct because of our focus on how faith intersects with the pervasive nature of technology and the acquisition, analysis, management and security of data.

III. CURRICULUM OUTLINE

A. Existing Courses, Rotation and Frequency, and Correlation to Program Outcomes

Existing and new courses will be utilized to support the online MS ITL. New courses as well existing courses that have not been taught in an online format will be developed by subject matter experts in partnership with instructional designers to implement best practices in online courses. A curriculum map linking each course to SLOs is included in Appendix B. Appendix C contains a course carousel sequence.

B. New Courses and Correlation to Program Outcomes

The MS ITL will consist of 36 credit hours, nine of which are electives chosen by students toward a concentration in either analytics or security. Tentative course names and descriptions for the core MS ITL courses are presented in Table 1.

Table 1: MS ITL Course Titles & Descriptions

Course Title	Description
BUSA 636 Organizational Behavior	The study of human behavior in organizations. Emphasizes practical techniques for understanding and guiding individual and group behavior. Topics include motivation, group dynamics, decision-making, leadership, power, and organizational culture. Human resource management, ethical, and international considerations are also addressed.
IT 632 IT Leadership	Examines principles of IT leadership and strategy, with focus on strategic issues, decisions, and unique situations within the IT arena, and ethical practice.

BUSA 550 Foundations of Analytics	An introduction to the field of analytics, with emphasis on its application in organizations. Topics include data and information acquisition, analysis, and application; data visualization and reporting; technological and organizational practices to support evidence-based decision making; and legal, ethical, and privacy issues.
IT 633 IT Law & Ethics	Presents application of legal and ethical principles in business contexts. Topics include domestic and international law regarding information security and privacy; frameworks for ethical conduct and decision-making.
IT 634 Emerging and Disruptive Technologies	Explores current topics in emerging and disruptive technologies.
IT 610 IT Services and Administration	Presents contemporary topics affecting the day-to-day operational aspects of an IT organization, including asset tracking, customer care, human resources, support services and service metrics, budgeting, capacity planning, vendor relationships, and contracting and purchasing.
IT 615 IT Innovation and Entrepreneurship	Presents concepts and frameworks for creating, commercializing, and profiting from technology-based products and services. Specifically explores issues currently affecting the field of information service management and related information technologies, and presents the conceptual foundation for managing information technology innovation.
IT 620 Information Assurance and Control	Investigates the impact of technology on data quality and reliability. Covers foundations of IT security, encryption and authentication, the value of information as a strategic resource, data quality issues, information security standards, and principles of knowledge management.
IT 625 Enterprise Architecture and Systems	Examines the processes and models that drive continuous organizational and technology alignment to optimize workflows, resource sharing, and access to services. Focuses on the supporting role of IT infrastructures in business process management. Additional topics include standards and best practices, service oriented architectures, global supply chains, and virtual technologies.

C. Degree Plan and Proposed Graduate Student Schedule

The degree plan for the MS ITL is shown below. The course carousel is included in Appendix C. All courses are 3 hours each. The total degree is 36 hours, plus any needed prerequisites.

- Prerequisites: programming (e.g., CS 115 or 120), database (e.g., IT 220) and networking (e.g., IT 221). If applicants have not met the prerequisites a Bootcamp option is available, which is a self-paced set of courses offered by Lynda.com that includes the prerequisite content equivalent to the three courses. The Bootcamp option is flexible enough to provide for students having already taken one or two of the prerequisite courses as well as for those needing to learn about all three domains.
- Core Courses (27 hours):
 - IT 632 Strategic IT Leadership
 - BUSA 636 Organizational Behavior
 - IT 610 IT Services and Administration
 - BUSA 550 Foundation of Analytics
 - IT 620 Information Assurance and Control
 - IT 625 Enterprise Architectures and Systems
 - IT 633 IT Law and Ethics
 - IT 634 Emerging and Disruptive Technologies
 - IT 615 IT Innovation and Entrepreneurship
- Concentration (9 hours): Students will complete a three-course sequence to earn a concentration in either analytics or security.

IV. INSTITUTIONAL SUPPORTS REQUIRED FROM ACU

A. Faculty Requirements and Availability and Impact on Current Loads

Similar to other online graduate programs offered by ACU, the MS ITL program will utilize a lead teacher-facilitator instructional model. Each course will be taught by a lead teacher, who will supervise up to four facilitators; facilitators are responsible for day-to-day interaction with students and assessment of student work. The model assumes a 15:1 student to facilitator ratio.

Lead teachers with a strong emphasis on mission fit and online teaching and learning experience will be hired to teach in the MS ITL program. All lead faculty, whether full-time or adjunct, will possess a Ph.D. or other appropriate terminal degree and will be credentialed according to SACSCOC standards. Current ACU faculty with relevant expertise in specific content areas may be given the opportunity to contribute to the development and teaching of the curriculum but will not be expected to do so; additional instructors will be hired as needed to avoid overloading current faculty. MS ITL program-specific faculty will be responsible for teaching online graduate courses and participating in the design of online graduate course content. Faculty adjunct instructors will be hired on a course-by-course basis; some instructors may be offered full time online teaching appointments. The Graduate School and the Adams

Center are collaborating on faculty orientation and development related to the university's mission for online faculty who do not reside in Abilene.

Facilitators will be Christian technology professionals who meet minimum SACSCOC qualifications and will possess relevant work experience in the course subject matter. Most facilitators will be hired on a course-by-course basis. Orientation and training will also be required for facilitators, who will be supervised and evaluated by the lead teachers.

B. Staff Requirements and Impact on Current Loads

Staff will be hired in Dallas to recruit, enroll, support and retain students for all new online graduate programs, including this MS ITL program. Existing staff in Abilene will not be expected to contribute to these day-to-day operations.

C. Impact on Existing Programs in Home Department and Other Departments

The new MS ITL program does not compete with existing graduate programs offered by SITC. The program may be of interest to students who currently enroll in other ACU programs such as MBA, particularly among COBA undergraduate students who choose to enroll immediately in a graduate program after graduation. This program should help SITC in the development of on-campus or hybrid graduate business program for undergraduate students who want to move directly into a graduate program. This could also aid recruiting efforts at the undergraduate level. No significant negative impacts are expected on current undergraduate programs as long as sufficient funding is provided to hire faculty to support this new program.

D. Administration and Leadership for the Program

The MS ITL is a program of ACU-Dallas offered in collaboration with the School of Information Technology and Computing (SITC). An MS ITL Program Director will be hired and will reside in Dallas as the key program administrator and liaison to SITC; this individual will report to ACU-Dallas academic leadership. This program will meet required SACSCOC accreditation standards.

This program should be designed and marketed to clearly indicate that this program does not fall under AACSB accreditation.

E. Library Requirements

The Graduate School and the Library are collaborating on the creation of a state-of-the-art Online Academic Resource Center that serves the particular needs of all non-located graduate students across programs. This center (or portal) will draw upon existing resources but also identify new resources particular to this student population. It is our intention to produce an online center that is excellent and exemplary as it meets the needs of online students. The

Online Academic Resource Center can and will be featured for prospective students and faculty as a demonstration of the excellence of ACU's online graduate programs. In order to begin the research and design toward these ends, the Graduate School will set aside a start-up fund of \$20,000 in Year 0 (FY16) of the Graduate School's strategic initiative to grow new online programs.

In addition to the start-up fund, the Graduate School and the Library propose a model where each online program will fund the Online Academic Resource Center. The Graduate School and the Library will collect and review data annually on student usage of online academic resources so that together they might adjust these models to best serve online graduate students.

F. Equipment, Classroom Space, and Office Space Requirements

All courses will be delivered in the online format, so there will be no impact on classroom space. Students and faculty will need access to an effective learning management system, such as Canvas. Some staff and faculty will need office space and computers in Dallas.

Some course will utilize systems on virtual machines (VMs). The VMs would be used for host software and test data for some courses. This would provide a common platform for all students and avoid platform issues.

G. Recruiting and Scholarship Plans

Recruiting will be done by ACU's enrollment team in Dallas. This MS ITL program will not offer scholarships.

H. Impact on Revenue of the University

Revenue per student will be based on program pricing in the range of \$25,000 to \$30,000. Pre-launch course development costs are estimated at \$2,500 per course. Two new courses will be developed prior to program launch. Ongoing costs include: program administration; lead teachers and facilitators; marketing and operational expenses; as well as a portion of the student enrollment, advising and support services personnel being established in Dallas to support all online graduate programs.

We anticipate that revenues will begin to exceed ongoing program expenses about four months after program launch, with a projected enrollment of 30 students at that point. (We estimate that we need 60 students for revenue to equal expenses for the fully operational program.)

V. ASSESSMENT PLANS

A. Outcomes Assessment Measures for Each Program Outcome

All academic programs at ACU are required to conduct an annual outcomes assessment review and report those findings to their dean. Following the requirements of SACSCOC 3.3.1.1, these reports include mission statements, student and program learning outcomes, operational outcomes, assessment measures with targeted goals, posting of analyzed data, and how the program will use these data for continuous quality improvement. These reports are housed in ACU's TaskStream software.

B. Program Assessment Measures

See Appendix B for a curriculum map that details student learning outcomes. Specific means of measuring student learning outcomes in new courses have not yet been identified. Measures and competency and ideal targets will be developed as new courses are developed. The MS ITL Program Director will oversee the process of measuring POs and SLOs. Data will be collected through courses in which current students are enrolled as well as annual surveys completed by alumni and employers to measure satisfaction.

VI. TIMELINE FOR PROGRAM DEVELOPMENT AND IMPLEMENTATION

Estimated dates for major milestones to achieve a summer 2016 launch:

- | | |
|------------|--|
| • Oct-Nov | MS ITL program exploration |
| • Nov | Prepare program proposal |
| • Dec | Finalized program proposal to SITC faculty for vote |
| • Jan | Prepare and submit SACS change of program mode? |
| • Jan | Begin creation of first new course many courses already exist and merely need refactored to Canvas online format |
| • Jan | Begin marketing and recruiting for MS ITL |
| • Summer 1 | First MS ITL term |
| • Summer 1 | Begin creation of second new course |

VII. SUPPORTING DOCUMENTATION

VIII. APPROVALS

A. Department Chair: Attach review comments of 200-300 words.

Circle one: Strongly support Forward w/ no recommendation Do NOT support

Department Chair

Date

B. College Dean: Attach review comments of 200-300 words.

Circle one: Strongly support Forward w/ no recommendation Do NOT support

College Dean

Date

C. College Academic Council Action: (required for all programs)

Approved ____ Denied ____

College Dean or Director

Date

D. Graduate Council Action: (for graduate level programs)

Approved ____ Denied ____

Dean of Graduate School

Date

E. University Undergraduate Academic Council Action: (for undergraduate level programs)

Approved ____ Denied ____

Associate Provost

Date

F. University Budget Committee Action: (required for all degrees)

Approved ____ Denied ____

UBC Chair

Date

G. University Planning Committee Action: (required for all degrees)

Approved ____ Denied ____

UPC Chair

Date

H. Provost Action: (required for all programs)

Approved ____ Denied ____

Provost

Date

I. President of the University Action: (required for all programs)

Approved ____ Denied ____

President

Date

APPENDIX A: CATALOG DESCRIPTION

Master of Information Technology Leadership

Program Director: TBD

Office Phone:

Email:

Faculty

TBD

Introduction

The mission of the Master of Science in Information Technology Leadership is to prepare IT professionals for administrative and technical roles enabled by organizational and technology skills and informed by principles of Christian vocation. This is accomplished through equipping technology leaders to:

- Practice effective leadership of IT operations within their organizational and global context;
- Create value through strategic use of data, information, and technology as organizational resources; and
- Make ethical decisions informed by values and goals that are consistent with relevant laws and Christian principles.

E. Admission Requirements

- Application for admission with a nonrefundable processing fee.
- Official transcript delivered securely from the regionally accredited college or university that awarded the baccalaureate degree to the applicant.
- A 3.0 or better cumulative undergraduate GPA. Provisional admission may be given to students with a 2.5-2.99 cumulative undergraduate GPA, with full admission granted after successful completion of three courses with a 3.0 or higher GPA.
- Course prerequisites for admission to the program include programming, databases, and networking. A bootcamp course is available to train and assess students in the equivalent learning experiences if students have not taken the prerequisite courses.
- Purpose statement addressing career goals and fit with the program, including the Christian identity of the university and program.
- Current professional work experience for application of program knowledge (including a minimum of one year of full-time work experience before entering the program).
- Resume or CV.

International applicants to the MS ITL will be required to complete the standard graduate application requirements for all international students applying to the Graduate School, including

TOEFL scores and transcript assessment for degrees completed outside of the United States (<http://www.acu.edu/graduate/prospective-students/international/index.html>).

MASTER OF INFORMATION TECHNOLOGY LEADERSHIP

Major Code: ITL

Requirements for the Master of Information Technology Leadership are:

C. Degree Plan and Proposed Graduate Student Schedule

- Prerequisites: programming (e.g., CS 115 or 120), database (e.g., IT 220) and networking (e.g., IT 221). A bootcamp course is offered in lieu of completing the prerequisite courses.
- Core Courses (27 hours):
 - IT 632 IT Leadership
 - BUSA 636 Organizational Behavior
 - IT 610 IT Services and Administration
 - BUSA 550 Foundation of Analytics
 - IT 620 Information Assurance and Control
 - IT 625 Enterprise Architectures and Systems
 - IT 633 IT Law and Ethics
 - IT 634 Emerging and Disruptive Technologies
 - IT 615 IT Innovation and Entrepreneurship
- Concentration (9 hours): Students will complete a three-course sequence to earn a concentration in either analytics or security.

APPENDIX B: CURRICULUM MAP

Student Learning Outcomes	Courses
Program Outcome #1: Effective Leadership	
SLO #1.1: Students will understand leadership and governance processes for the IT function.	Organizational Behavior IT Leadership IT Law and Ethics
SLO #1.2: Students will design effective communication and collaboration practices across functional, organizational and geographical boundaries.	Organizational Behavior Emerging and Disruptive Technologies
SLO #1.3: Students will develop organizational policies and strategies to support the use of information systems.	IT Leadership Organizational Behavior IT Innovation and Entrepreneurship
Program Outcome #2: Information & Technology	
SLO #2.1: Students will understand the acquisition, management, security, analysis, and application of data.	Foundation of Analytics Information Assurance and Control
SLO #2.2: Students will demonstrate knowledge of the architecture, components, and functions of enterprise and distributed information systems.	IT Services and Administration Enterprise Architecture and Systems
SLO #2.3: Students will apply innovative approaches with technology to improve organizational processes and outcomes.	Emerging and Disruptive Technologies IT Innovation and Entrepreneurship
Program Outcome #3: Faith & Ethics	
SLO #3.1: Students will evaluate current management of technology and information resources in light of legal and ethical considerations.	IT Law & Ethics Information Assurance and Control
SLO #3.2: Students will reflect on their vocation in the context of their personal values and goals.	IT Leadership IT Law & Ethics

APPENDIX C: COURSE CAROUSEL

A sample course carousel is available in Google Docs at the link below (please cut and paste the URL below into your browser if the link does not work in the PDF): [to be prepared]

Year one -

- IT 632 Strategic IT Leadership (**First course for all ITL students)
- BUSA 636 Organizational Behavior
- IT 610 IT Services and Administration
- BUSA 550 Foundation of Analytics
- IT 620 Information Assurance and Control
- IT 625 Enterprise Architectures and Systems

Year two -

- IT 633 IT Law and Ethics
- IT 634 Emerging and Disruptive Technologies
- IT 615 IT Innovation and Entrepreneurship
- Elective courses in analytics or security (9 hours)