

# INFORMATION TECHNOLOGY SERVICE MANAGEMENT - BA

The Bachelor of Arts degree with a major in Information Technology Service Management prepares graduates to enter the Information Technology (IT) field as professionals who understand that technical proficiencies are but one component of providing IT products and services that empower organizational success. While providing a broad spectrum of technical knowledge, the program also focuses on the profound importance of integrating people, organizations, information, technology, and value streams. Students will study the organizational factors, management and leadership approaches, and technology competencies necessary to deliver IT services in a dynamic and agile environment. The program will equip students with the knowledge, skills, and attitudes to leverage IT opportunities to achieve organizational goals.

## Program Requirements

### First Year

Fall		Semester Credit Hours
CSCE 111 or CSCE 206	Introduction to Computer Science Concepts and Programming or Structured Programming in C	4
ENGL 103 or ENGL 104	Introduction to Rhetoric and Composition or Composition and Rhetoric	3
ITSV 101	Introduction to Information Technology Service Management <sup>1</sup>	1
MATH 140	Mathematics for Business and Social Sciences	3
University Core Curriculum ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/</a> ) <sup>2</sup>		3
<b>Semester Credit Hours</b>		<b>14</b>
Spring		
CSCE 120	Program Design and Concepts	3
PHIL 240	Introduction to Logic	3
Select one of the following:		3
COMM 203	Public Speaking	
COMM 205	Communication for Technical Professions	
COMM 243	Argumentation and Debate	
University Core Curriculum ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/</a> ) <sup>2</sup>		3
University Core Curriculum ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/</a> ) <sup>2</sup>		3
<b>Semester Credit Hours</b>		<b>15</b>

### Second Year

Fall		
EHRD 203	Foundations of Human Resource Development	3
ITSV 272	Foundations of Information Technology Management <sup>1</sup>	3

MGMT 209	Principles of Business Regulations and Law	3
STAT 201	Elementary Statistical Inference	3
University Core Curriculum ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/</a> ) <sup>2</sup>		3

**Semester Credit Hours 15**

### Spring

ECON 202	Principles of Economics	3
ENGL 210	Technical and Professional Writing	3
ITSV 274	Foundations of Networking <sup>1</sup>	3
University Core Curriculum ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/</a> ) <sup>2</sup>		3
Prescribed elective <sup>3</sup>		3

**Semester Credit Hours 15**

### Third Year

#### Fall

ITSV 303	Unix System Administration Practices	4
ITSV 308	Cybersecurity and Digital Ethics	3
University Core Curriculum ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/</a> ) <sup>2</sup>		3
Prescribed elective <sup>3</sup>		3
Prescribed elective <sup>3</sup>		3

**Semester Credit Hours 16**

#### Spring

ITSV 316	Database Systems Administration and Application <sup>1</sup>	4
ITSV 385	Information Technology Management and Service Delivery <sup>1</sup>	3
ITSV 396	Foundations of Data Analytics in Information Technology Service Management <sup>1</sup>	3
University Core Curriculum ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/</a> ) <sup>2</sup>		3
Prescribed elective <sup>3</sup>		3

**Semester Credit Hours 16**

### Fourth Year

#### Fall

ITSV 412	Contemporary Issues in Technology Management <sup>1</sup>	3
ITSV 475	Information Technology Service Management Capstone I <sup>1</sup>	4
University Core Curriculum ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/</a> ) <sup>2</sup>		3
Prescribed elective <sup>3</sup>		3
Prescribed elective <sup>3</sup>		3

**Semester Credit Hours 16**

#### Spring

ITSV 465	DevOps and High Velocity Service Delivery <sup>1</sup>	4
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ITSV 476	Information Technology Service Management Capstone II <sup>1</sup>	3
University Core Curriculum ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/</a> ) <sup>2</sup>		3
Prescribed elective <sup>3</sup>		3
<b>Semester Credit Hours</b>		<b>13</b>
<b>Total Semester Credit Hours</b>		<b>120</b>

<sup>1</sup> Must make a grade of C or better.

<sup>2</sup> Of the 27 hours shown as University Core Curriculum electives, 9 must be from life and physical sciences, 6 from American history, 6 from government/political science, 3 from creative arts, and 3 from language, philosophy, and culture. The required 3 hours of International and Cultural Diversity and 3 hours of Cultural Discourse may be met by courses also satisfying the creative arts, language, philosophy and culture, and American history requirements if they are also on the approved list of international and cultural diversity (<http://catalog.tamu.edu/undergraduate/general-information/degree-information/international-cultural-diversity-requirements/>) courses and cultural discourse (<http://catalog.tamu.edu/undergraduate/general-information/degree-information/cultural-discourse-requirements/>) courses.

<sup>3</sup> To be selected with consultation with major advisor, enabling the students to shape the degree in better alignment with their own interests and expertise. At least 9 hours must be upper level. Select from ACCT 209, CYBR 403/CSCE 477, ECON 203, ECON 323, ECON 420, ECON 459, EHRD 210, EHRD 371, EHRD 372, EHRD 374, EHRD 413, FINC 409, ISTM 209, MATH 142, MGMT 309, MKTG 409, PBSI 107, PBSI 235, PBSI 345, PBSI 354, PBSI 414.