



**AAS in Computer Science: Management Information  
Systems to Bachelor of Applied Arts & Sciences  
Guided Pathway  
Effective for the 2016-2017 Catalog**

**First Year – Trinity Valley Community College**

FIRST SEMESTER	SECOND SEMESTER
ITSC 1305 Intro to PC Operating Systems	ITSW 1304 Electronic Spreadsheets
BCIS 1305 Business Computer Applications	SPCH 1321 Business & Professional Communications (090)
POFI 2301 Word Processing I	IMED 1316 Web Page Development I
ENGL 1301 English Composition I (010)	ITSY 1300 Fund. of Information Security
COSC 1309 Logic and Design	COSC 1336 Programming Fundamentals I

**Second Year – Trinity Valley Community College**

It's best to apply to TAMUC a full semester before you plan to transfer. It will help if you submit a copy of this pathway with your application.

FIRST SEMESTER	SECOND SEMESTER
ECON 2301 Macroeconomics (080)	ITSEW 1381 Co-op Education/Practicum
ITNW 1325 Fund. of Networking Technology	ACNT 1311 Intro to Computerized Accounting Systems OR ACNT 1301 Intro to Accounting
ITSE 2304 Visual Basic.NET Database Dev. with ADO.NET	ITSE 2313 Web Authoring
ITSE 2309 Database Programming	Language, Philosophy & Culture/Creative Arts (040/050)
MATH 1332 Contemporary Math I (090)	ITSC 2335 Application Software Problem Solving

**AAS: Computer Science Emphasis in Management Information Systems**

You will need to apply for the associate's degree at your community college. Contact your advisor there for more information.

**Third Year - Texas A&M University-Commerce**

FIRST SEMESTER	SECOND SEMESTER
Ⓢ ENG 1302 - GLB/US-Written Argument/Research	Ⓢ ANY MATHEMATICS CORE
Ⓢ HIST 1301 - U.S. History to 1877	Ⓢ HIST 1302 - U.S. History from 1865
Ⓢ PSCI 2301 - Principles of US and Texas Government <sup>2</sup>	Ⓢ PSCI 2302 - US/TX Government; Institutions & Policies <sup>2</sup>
Ⓢ ANY LIFE & PHYSICAL SCIENCE CORE	Ⓢ ANY LIFE & PHYSICAL SCIENCE CORE
Ⓢ ANY LITERATURE PHILOSOPHY & CULTURE CORE OR Ⓢ ANY CREATIVE ARTS CORE	BAAS 326 Tech Techniques & Solutions
BAAS 301 Principles of Applied Sciences	

**Fourth Year - Texas A&M University-Commerce**

FIRST SEMESTER	SECOND SEMESTER
TMGT 458 Project Management	TMGT 350 Principles of Technology Management
BAAS 345 Leadership Techniques	BAAS 445 Ethical Decision Making
BAAS 408 Advanced Problem Solving (Pre-Req BAAS 326)	Upper Level Elective
BAAS 351 Financial Tools for Managers (Pre Req BAAS 326)	Upper Level Elective
BAAS 443 Professional Standards	TMGT 303 Technical Communications

**This is not an official degree plan. Check with an advisor; degree plans may change in later catalogs.**

Part-time students may also follow this sequence. Developmental coursework may be required.

\* You may take a different course to meet this requirement. A specific list is available from your advisor.

Ⓢ This course counts for the Core Curriculum at any public college or university in Texas.

() Course numbers shown in parentheses are equivalent to these courses at TAMUC.

For questions about the University portion of this guided pathway, contact the Applied Science Academic Advising Office at (903) 886-5155 or [Misty.Lair@tamuc.edu](mailto:Misty.Lair@tamuc.edu).