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In

AC

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(2016)

CS

BA

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BA ACS

Dr. H. J. ...

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PROGRAM OVERVIEW

The Bachelor of Arts in Applied Computer Science (ACS) (BA) is an innovative and interdisciplinary degree program. New in 2014, the ACS complements our BS Computer Science, and both programs can lead into the MS in Computer Science. The ACS provides a broad, multi-discipline educational experience, with required courses in Applied Computer Science, Information Systems, Software Engineering, Computer Science, CS Education, Foreign Languages, and an interdisciplinary minor. The BA program combines traditional computer science theory with application examples and hands-on experience used by industry.

The BA targets emerging fields within computer science including those spanning multiple disciplines. Coursework includes Web Development, Social Media, Database, Game Design, Linux OS, Mobile Computing, Data Warehousing, Cloud Computing, Data Mining, and Robotics. The program can integrate with many other disciplines through the required minor. With a wide range of electives and a foreign language the program of study expands the student's outlook, which allows students to investigate the overlap and synergies between the minor discipline and computer science.





**BACHELOR OF ARTS IN**  
**APPLIED COMPUTER SCIENCE**

Dea

03/08/

# BA ACS Prerequisite Structure

Math Prerequisite

Math/CS Corequisite Courses: ACS: CS: 5

MATH 1107

Elementary Stats

\*recommended

Interdisciplinary Electives

prereq



ACS: 4550



4-Year Plan-of-Study [FALL](#) Start: BA Applied Computer Science 2/22/16

Fall 1		Credit Hours	Spring 1		Credit Hours		
MATH 1113	Precalculus	3	GE	MATH 1190	Calculus I	4	GE
ENGL 1101	Eng. Comp. I	3	GE	ENGL 1102	Eng. Comp. II	3	GE
FL 1002	Intro. Foreign Lang.	3	GE	ECON 1100	Global Economics		

## BA ACS Project Offerings

This is a projection of the planned offerings of BA courses. Future semesters are in