This program is based on the 2014-2015 UHD Catalog and serves to recommend courses to fulfill major requirements at UHD.

**Bachelor of Sciences (BS)- Applied Statistics**

### San Jacinto College Core Courses (42 hours) | UHD Equivalency
---|---
(010) Communications (6 hours) |  
ENGL 1301 | ENGL 1301  
ENGL 1302 | ENGL 1302  
(020) Mathematics (3 hours) |  
MATH 2413 | MATH 2401  
(030) Life and Physical Sciences (6 hours) |  
Choose two sciences  
from approved core curriculum |  
(040) Language, Philosophy and Culture (3 hours) |  
Choose one course  
from approved core curriculum |  
(050) Creative Arts (3 hours) |  
Choose one course  
from approved core curriculum |  
(060) American History (6 hours) |  
HIST 1301 | HIST 1305  
HIST 1302 | HIST 1306  
HIST 2327 |  
HIST 2328 |  
(070) Government and Political Science (6 hours) |  
GOVT 2305 | POLS 2305  
GOVT 2306 | POLS 2306  
(080) Social & Behavioral Sciences (Choose 1 course) |  
ANTH 2351 | ANTH 2302  
ECON 2301 | ECO 2301  
ECON 2302 | ECO 2302  
PSYC 2301 | PSY 1303  
SOCI 1301 | SOC 1303  
(090) Component Area (6 hours) |  
SPCH 1311 | COMM 1304  
SPCH 1315 | COMM 1306  
SPCH 1318 | COMM 2309

### College of Science and Technology Information
- The Applied Statistics degree program at the University of Houston-Downtown allows students to be employed in areas requiring the tools of discrete mathematics and statistics. The advent of high-speed computers and technological advances being made in this area has encouraged the development of, and has resulted in important advances that constitute significant tools for such areas as the life sciences, administrative/managerial sciences and the social/behavioral sciences.
- No grade of "D" will be accepted for any course
- Follow link below for more information:

#### Computer Science Requirement
| UHD Course Number (SJC) |  
---|---
+ CS 1410 (COSC 1336) | Intro. Computer Science C++

#### Mathematics Requirements
| UHD Course Number (SJC) |  
---|---
* MATH 2401 (MATH 2413) | Calculus I  
* MATH 2402 (MATH 2414) | Calculus II  
MATH 2405 | Discrete mathematics  
* MATH 2407 (MATH 2318) | Linear Algebra

Note: For a business track the sequence MATH 1305 (MATH 1324) and MATH 1306 (MATH 1325) may be substituted for MATH 2401 and 2402.

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Note: UHD will accept all Texas approved core courses. Students should refer to specific programs to identify courses that fulfill program requirements at UHD.

* These courses can be taken in the core, while also counting toward the major requirements.

+ These courses are apart of the Field of Study (FoS) for Computer Science.