

**ABOUT THE DATA SCIENCE BA DEGREE:**

The BA program in Data Science is designed to provide a solid foundation in the fundamentals of data science and will prepare students to procure, archive, clean, visualize, and analyze data.

**STEP 1:**

**42 credits at the 300-level or higher**

(major and general education courses may fulfill this requirement)

**Major Requirements:**

Course	Semester	Credits	Grade
LTI/DSP 110*		3	
CSC 201*		4	
STA 307, 308, 409 or BAI 210		3-4	
CSC 320 or BIO/DSP 181G*		3-4	
CSC/DSP 310, STA 305, ART/DSP 404* or BIO 230G*		3-4	
BAI 456 or CSC 436		3-4	
CSC/DSP 461 or STA/DSP 441		4	
DSP 477, DSP 499, STA/DSP 490, or STA 491		4	
<b>Complete one elective course from the following:</b> AMS/DSP 393G, AMS 450, CMB 320, CSC 212, CSC 412, CSC 415, CSC 436, CSC 450, CSC/BPS/STA 522, DSP/BIO 439, HIS 116, LAR 302, MTH 418, MTH 447, MTH 451, MTH 481, NRS 409, NRS 410, OCG 350, OCG 351, PHL 212, PHP 405, STA 400, STA 411, STA 412, STA 460.			
		3-4	
<b>Required supporting electives:</b>			
MTH 180*, 131*, or 141*		3-4	
MTH 215		3	
WRT 201, 227*, 332, 334 or HPR 142*		3-4	

Course	Credits	Course	Credits

**Free elective credits**

(to meet the 120 credits required for graduation):

Course	Credits	Course	Credits

**In order to transfer to the College of Arts and Sciences, students must complete MTH 180 or MTH 131 or MTH 141, with C or better; STA 409 or STA 307 or STA 308 or BAI 210, with C or better; and LTI/DSP 110 or CSC 201.**

\*Course approved for general education credit

**Please note: Both major and cumulative GPA must be 2.00 or higher in order to graduate.**

**GENERAL EDUCATION GUIDELINES:** General education is 40 credits. Each of the twelve outcomes (A1-D1) must be met by at least 3 credits. A single course may meet more than one outcome, but cannot be double counted towards the 40 credit total. At least one course must be a Grand Challenge (G). No more than twelve credits can have the same course code (note- HPR courses may have more than 12 credits). General education courses may also be used to meet requirements of the major or minor when appropriate.

**STEP 2:**

General Education Credit Count			
At least 40 credits, no more than 12 credits with the same course code.			
Course	Cr.	Course	Cr.
		Total Gen Ed credits	40

**STEP 3:**

General Education Outcome Audit	
	Course
<b>KNOWLEDGE</b>	
A1. STEM	
A2. Social & Behavioral Sciences	
A3. Humanities	
A4. Arts & Design	
<b>COMPETENCIES</b>	
B1. Write effectively	
B2. Communicate effectively	
B3. Mathematical, statistical, or computational strategies	
B4. Information literacy	
<b>RESPONSIBILITIES</b>	
C1. Civic knowledge & responsibilities	
C2. Global responsibilities	
C3. Diversity and Inclusion	
<b>INTEGRATE &amp; APPLY</b>	
D1. Ability to synthesize	
<b>GRAND CHALLENGE</b>	
G. Check that at least one course of your 40 credits is an approved "G" course	

**SEE OPPOSITE SIDE FOR PROGRAM REQUIREMENTS.**

**NOTE:** This worksheet sheet is a snapshot of your entire curriculum. You must work with your advisor each term to discuss requirements to keep you on course for timely progress to complete this major. Official requirements for graduation are listed in the University Catalog.

**Please note: Both major and cumulative GPA must be 2.00 or higher in order to graduate.**