

PROGRAM NAME: **BS DEGREE in Analytics & Technology-Business Analytics Track**

ROGRAM COLLEGE: **Helzberg School of Management**

CATALOG TERM: **2019-20**

NOTE: Individual Programs of Study will vary in consultation with your Advisor and course/section availability each term. The below schedule serves only as an **example** four year degree plan for the B.S. Analytics & Technology in Business Analytics track.

**YEAR 1**

Fall Semester

Course Name	Credits	Minimum Grade Required	Experience Notes
Core: EN 1110 College Composition I (WCP)	3		<ul style="list-style-type: none"> <li>Join an RU Academy</li> <li>Participate in the Finucane Service Project</li> <li>Attend the New Student Retreat</li> </ul>
<b>Core/Prereq: MT 1800 Calculus I (MTP) (requires a 26 on Math Component of ACT)</b>	4	C	
<b>Prereq: *CS 1000 Programing for Analytics</b>	3		
Core: PL 1100 Reality and Human Existence	3		
Core: Relational, Level 1	3		
General Elective: MG 1001 Professional Readiness I	1		
TOTAL HOURS	17		

Spring Semester

Course Name	Credits	Minimum Grade Required	Notes
Core: EN 1120 College Composition II (WCP)	3		<ul style="list-style-type: none"> <li>Join a campus club/organization (can be dept. specific)</li> </ul>
Core: TH 1000 or 1020 or 2000 (TH, Level I)	3		
<b>Prereq: BIA 1800 Data Analysis</b>	3		
<b>Prereq: *BIA 2000 Foundations of Business Intelligence</b>	3		
Core: Natural Science with Lab (Science/Causal, Level I)	4		
TOTAL HOURS	16		

**YEAR 2**

Fall Semester

Course Name	Credits	Minimum Grade Required	Notes
<b>Prereq: BSS 2100 Intro: Statistics for Behavioral Sciences</b>	3		<ul style="list-style-type: none"> <li>Students want to have a Minimum of 60 hours completed, by the end of Year 2, to progress to Junior Standing.</li> </ul>
<b>Major: *BIA 3000 Data Visualization</b>	3	C	
<b>Major: *CS 3100 Data Structures</b>	3	C	
Core: HS 1100 or 1500 or 1701 or 1702 (HS, Level 1)	3		
Core: CT 2000 Fundamentals of Communication (OCP)	3		
General Elective:	1		
TOTAL HOURS	16		

Spring Semester

Course Name	Credits	Minimum Grade Required	Notes
<b>Major: *BIA 3200 Foundations of Data Mining</b>	3	C	
<b>Major: *CS 3000 Data Structures</b>	3	C	
Core: Relational Mode, Level I	3		
Core: Literary Mode, Level I	3		
General Elective	3		
TOTAL HOURS	15		

**YEAR 3**

Fall Semester

Course Name	Credits	Minimum Grade Required	Notes
<b>Major: *BIA 3300 Project Management</b>	3	C	<ul style="list-style-type: none"> <li>Courses with an * indicate that they are only offered in that semester, i.e., Fall or Spring</li> </ul>
<b>Major: *EN 3180 Business Writing (or MK 4100 Marketing Research)</b>	3	C	
Core: Theological Mode, Level II (at least one TH must be Christian Based)	3		
Core: Artistic Mode	3		
General Elective	6		
TOTAL HOURS	18		

Spring Semester

Course Name	Credits	Minimum Grade Required	Notes
<b>Major: BIA 3201 Prescriptive Analytics for Business Decision Making</b>	3	C	<ul style="list-style-type: none"> <li>All Major courses must be completed with a minimum of a C grade.</li> </ul>
<b>Major: Upper-Division Related course</b>	3	C	
Core: PL 3100 Ethical Theory	3		
Core: Historical Mode or Literary Mode, Level II	3		
General Elective	3		
TOTAL HOURS	15		

Summer Semester

Course Name	Credits	Minimum Grade Required	Notes
<b>Major: CO-OP</b>	1	C	

**YEAR 4**

Fall Semester

Course Name	Credits	Minimum Grade Required	Notes
<b>Major: MK 4100-Marketing Research (or EN 3180 Business Writing)</b>	3	C	<ul style="list-style-type: none"> <li>Core: 53-56 hrs;</li> <li>Prerequisites: 12-16 hrs;</li> <li>Major: 25 hrs;</li> <li>Related Coursework: 12 hrs;</li> <li>General Electives: 19-26 hrs.</li> </ul>
<b>Major: Upper-Division Related Course</b>	3	C	
Core: Relational Mode Level II	3		
General Elective	6		
TOTAL HOURS	15		

Spring Semester

Course Name	Credits	Minimum Grade Required	Notes
<b>Major: Upper-Division Related course</b>	6	C	
Core: PL or TH Swing Course, Level II	3		
Core: GPR	3		
General Elective	6		
TOTAL HOURS	15		

Credit Hours

- Core: (will be a range of hrs.)
- Major: (specific # of hrs.)
- Electives (will be a range of hrs., note how they can be used for minors, second majors, professional/graduate pre-requisites)

TOTAL Credit Hours: XXX