WENZHOU KEAN UNIVERSITY

FOUR YEAR ACADEMIC PLAN

Degree/Major: **B.A. IN MATHEMATICAL SCIENCES (Data Analytics Option)**

Effective Date: Fall 2017 Total Credits Required: 120 S.H.

Name: _____

Student ID# _____ Start Term: _____

Freshman Year

Fall Semester Year 1		Spring Semester Year 1	
GE 1000 Transition to Kean	1		
MATH 2415 Calc. I	4	MATH 2416 Calculus II	4
ENG 1300 College Composition	6*	ENG 1430 College Comp. II	6*
ESL 0303	3**	ESL 0403	3**
ESL 0305	3**	ESL 0405	3**
Total Credits:	17	Total Credits:	16

*3 Credits for Composition, 3 credits as lower-level free electives

** Credits do not count toward graduation

Winter and Summer Courses

		Summer II	
_____		_____	0
_____		_____	0
Total Credits:		Total Credits:	

Sophomore Year

Fall Semester Year 2		Spring Semester Year 2	
MATH 3415 Calculus III	4	MATH 3544 Prob. and Stats	3
MATH 2995 Matrix and Lin Alg.	3	CPS 2231 Comp Org and Prog.	4
GE 2024 Research and Tech	3	MATH 2526 Applied Statistics	3
GE Soc Sci I	3	COMM 1402 Speech Comm.	3
CPS 1231 Fund of Comp Science	4	Physics 2091/2095 or CHEM 1083	4
Total Credits:	17	Total Credits:	17

Summer and Winter Courses

Winter		Summer	
_____		_____	0
_____		_____	0
Total Credits		Total Credits	

Junior Year

Fall Semester Year 3		Spring Semester Year 3	
MATH 3700 Big Data Computing	3	MATH 3710 Found of Data Analytics	3
History 1062	3	MATH Major Elective I	3
GE Soc Sci II	3	GE Humanities I	3
FE 1000-2000 1	3	GE Science (add'l)	4
FE 1000-2000 2	3	Free Elective (3000-4000) 3	3
ENG 2403 World Literature	3		
Total Credits:	18	Total Credits:	16

Summer Courses

Summer I		Summer II	
	0		0
	0		0
Total Credits:	___	Total Credits:	___

Senior Year

Fall Semester Year 4		Spring Semester Year 4	
MATH 4710 Data Visualization	3	MATH 4890** Senior Seminar	3
MATH 4720 Stat Data Mining	3	MATH Major Elective III	3
MATH Major Elective II	3	GE Humanities II	3
Free Elective (3000-4000) 4	3	Free Elective (3000-4000) 6	3
Free Elective (3000-4000) 5	3	Free Elective (3000-4000) 7	3
Total Credits:	15	Total Credits:	15

Summer Courses

Summer I		Summer II	
	0		0
	0		0
Total Credits:	___	Total Credits:	___

TOTAL CREDITS REQUIRED FOR GRADUATION: 120