



WENZHOU KEAN UNIVERSITY



FOUR YEAR ACADEMIC PLAN

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

Effective Date: Fall 2019

Total Credits Required: 120 S.H.

Student Name: _____

Student ID: _____

Study Year: _____

Study Term: _____

Students must fully comprehend the details outlined in this 4-year plan and consult with their academic advisors prior to selecting courses. Following each consultation regarding the course selection, both the student and the academic advisor are mandated to sign and date at the end of the plan, ensuring that each semester's decisions are officially recorded. Students are then required to submit a scanned copy of the signed 4-year plan to their advisor for archival purposes.

Freshman Year

Fall Semester Year 1	
GE 1000 Transition to Kean	1
MATH 2415 Calc. I	4
ENG 1300 College Composition	6*
ESL 0303	3**
ESL 0305	3**
PE 3xxxxx	1**

Spring Semester Year 1	
MATH 2416 Calculus II	4
ENG 1430 College Comp. II	6*
ESL 0403	3**
ESL 0405	3**
PE 3xxxxx	1**
Chinese Art	1**

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

Chinese 301003	2**
Chinese 301004	2**

Total Credits: _____

Summer II	
_____	0
_____	0

Total Credits: _____

Sophomore Year

Fall Semester Year 2	
MATH 3415 Calculus III	4
MATH 2995 Matrix and Lin Alg.	3
GE 2024 Research and Tech	3
GE Soc Sci I	3
CPS 1231 Fund of Comp Science	4
PE 3xxxxx	1
Chinese Art	1**

Total Credits: 17

Spring Semester Year 2	
MATH 3544 Prob. and Stats	3
CPS 2231 Comp Org and Prog.	4
MATH 2526 Applied Statistics	3
COMM 1402 Speech Comm.	3
Physics 2091/2095 or CHEM 1083	4
PE 3xxxxx	1**

Total Credits: 17

Summer and Winter Courses

Winter	Summer
_____	Chinese 301001 2**
_____	Chinese 301002 2**
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
Free Elective 1 (1000-2000) 3	GE Science (add'l) 3
Free Elective 2 (1000-2000) 3	Free Elective 3 (3000-4000) 3
ENG 2403 World Literature 3	
Total Credits: 18	Total Credits: 15

Summer Courses

Summer I	Summer II
Optional Internship Course **** 1	_____ 0
_____ 0	_____ 0
Total Credits: ____	Total Credits: ____

Senior Year

Fall Semester Year 4	Spring Semester Year 4
MATH 4890 Senior Seminar 3	MATH 3802 Independent Study in Math 2
MATH 4710 Data Visualization 3	MATH Major Elective III 3
MATH 4720 Stat Data Mining *** 3	GE Humanities II 3
MATH Major Elective II 3	Free Elective 6 (3000-4000) 3
Free Elective 4 (3000-4000) 3	Free Elective 7 (3000-4000) 3
Free Elective 5 (3000-4000) 3	
Total Credits: 18	Total Credits: 14

TOTAL CREDITS REQUIRED FOR GRADUATION: 120

*** Can be taken in the third year.

**** 1-2 credits can be covered by a Free Elective, Optional Internship Course or MATH 3802 Independent Study in Math.

Student's Signature: _____ Advisor's Signature: _____ Date: _____