

## 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.

Fail 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**           PE 3xxxxx         1**         PE 3xxxxx         1**           Chinese Art         1**         Chinese Art         1**           *3 Credits for Composition, 3 credits as lower-level free electives         **         Total Credits:         16           *3 Credits do not count toward graduation         Winter and Summer Courses         0         0           Chinese 301003         2**         0         0         0           Chinese 301004         2**         0         0         0           Total Credits:	Freshman Year			
ENG 1300 College Composition       6*       ENG 1430 College Comp. II       6*         ESL 0303       3**       ESL 0403       3**         PE 3xxxxx       1**       PE 3xxxxx       1**         PE 3xxxxx       1**       PE 3xxxxx       1**         Total Credits:       17       Total Credits:       16         *3 Credits for Composition, 3 credits as lower-level free electives       Total Credits:       16         *3 Credits for Composition, 3 credits as lower-level free electives       Total Credits:       16         *3 Credits for Composition, 2 credits as lower-level free electives       Summer II       0         Chinese 301003       2**         Chinese 301003       2**       0         Total Credits:       0       0         MATH 3415 Calculus III       4       MATH 3544 Prob. and Stats	GE 1000 Transition to Kean	1		
ESL 0303       3**       ESL 0403       3**         ESL 0305       3**       ESL 0403       3**         PE 3xxxxx       1**       PE 3xxxxx       1**         PE 3xxxxx       1**       PE 3xxxxx       1**         Total Credits: 17       Total Credits:       16         *3 Credits for Composition, 3 credits as lower-level free electives       Total Credits:       16         *3 Credits do not count toward graduation       Summer Courses       16         Winter and Summer Courses       0       0       0         Chinese 301003       2**       0       0         Total Credits:				
ESL 0305       3**       ESL 0405       3**         PE 3xxxxx       1**       PE 3xxxxx       1**         Total Credits:       17       Total Credits:       16         *3 Credits for Composition, 3 credits as lower-level free electives       Total Credits:       16         ** Credits do not count toward graduation       Winter and Summer Courses       16         Winter and Summer Courses       0       0       0         Chinese 301003       2**       0       0         Total Credits:       0       0       0       0         Total Credits:       Total Credits:       0       0       0         Total Credits:       Total Credits:       0       0       0       0         Total Credits:       Total Credits:       0       0       0       0       0       0         MATH 3415 Calculus III       4       MATH 3544 Prob. and Stats       3       0       0       0       0       0       0       0       0       0 <t< td=""><td>• •</td><td></td><td></td><td></td></t<>	• •			
PE 3xxxx       I**       PE 3xxxx       I**         PE 3xxxx       I**       PE 3xxxx       I**         Chinese Art       I**         Total Credits:       17       Total Credits:       16         *3 Credits for Composition, 3 credits as lower-level free electives       Total Credits:       16         ** Credits do not count toward graduation       Winter and Summer Courses       16         Winter and Summer Courses       Summer II       0         Chinese 301003       2**       0         Total Credits:				
In Exerct And Chinese Art       1**         Chinese Art       1**         Chinese Art       1**         Total Credits: 17       Total Credits: 16         *3 Credits for Composition, 3 credits as lower-level free electives       Total Credits: 16         Winter and Summer Courses       Summer II         O       0         Chinese 301003       2**       0         Chinese 301004       2**       0         Total Credits:       0       0         Sophomore Year       0       0         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		<u> </u>		
Total Credits: 17       Total Credits: 16         *3 Credits for Composition, 3 credits as lower-level free electives         Winter and Summer Courses         Winter and Summer Courses         Winter and Summer Courses         Summer II       0         Chinese 301003       2**       0         Total Credits:       0         Sophomore Year       0         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       COMM 1402 Speech Comm.       3	PE 3xxxxx	1**		1
*3 Credits for Composition, 3 credits as lower-level free electives ** Credits do not count toward graduation          Winter and Summer Courses         Winter and Summer Courses         Chinese 301003       2**         Chinese 301004       2**         O       0         Total Credits:       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         GE 2024 Research and Tech       3         GE Soc Sci       I       3	Chinese Art 1**			
** Credits do not count toward graduation           Winter and Summer Courses           Summer II           Chinese 301003         2**           Chinese 301004         2**           Total Credits:         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         COMM 1402 Speech Comm.         3				<u>16</u>
Winter and Summer Courses         Summer II       0         Chinese 301003       2**       0         Chinese 301004       2**       0         Total Credits:		ver-level free elect	ives	
Summer II       0         Chinese 301003       2**       0         Chinese 301004       2**       0         Total Credits:       0         Total Credits:       0         Sophomore Year       0         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	** Credits do not count toward graduation			
Chinese 3010032**0Chinese 3010042**0Total Credits:	Winter and Summer Courses			
Chinese 301004       2**       0         Total Credits:			Summer II	
Fall Semester Year 2       Sophomore Year         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	Chinese 301003	2**		0
Sophomore YearFall Semester Year 2MATH 3415 Calculus III4MATH 3544 Prob. and Stats3MATH 2995 Matrix and Lin Alg.3CPS 2231 Comp Org and Prog.4GE 2024 Research and Tech3MATH 2526 Applied Statistics3GE Soc SciI3COMM 1402 Speech Comm.3	Chinese 301004	2**		0
Fall Semester Year 2MATH 3415 Calculus III4MATH 3544 Prob. and Stats3MATH 2995 Matrix and Lin Alg.3CPS 2231 Comp Org and Prog.4GE 2024 Research and Tech3MATH 2526 Applied Statistics3GE Soc SciI3COMM 1402 Speech Comm.3	Total Credits:		Total Credits:	
MATH 3415 Calculus III4MATH 3544 Prob. and Stats3MATH 2995 Matrix and Lin Alg.3CPS 2231 Comp Org and Prog.4GE 2024 Research and Tech3MATH 2526 Applied Statistics3GE Soc SciI3COMM 1402 Speech Comm.3	Sophomore Year			
MATH 2995 Matrix and Lin Alg.3CPS 2231 Comp Org and Prog.4GE 2024 Research and Tech3MATH 2526 Applied Statistics3GE Soc SciI3COMM 1402 Speech Comm.3				
GE 2024 Research and Tech3MATH 2526 Applied Statistics3GE Soc SciI3COMM 1402 Speech Comm.3				3
GE Soc Sci     I     3     COMM 1402 Speech Comm.     3	MATH 2995 Matrix and Lin Alg.	3	CPS 2231 Comp Org and Prog.	
	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
PE 3xxxxx 1 PE 3xxxxx 1**		1		1**
Chinese Art 1**		1**		
Total Credits: <u>17</u> Total Credits: <u>17</u>		17	Total Credits:	17

Winter Total Credits	SummerChinese 3010012**Chinese 3010022**Total Credits			
Junior Year				
Fall Semester Year 3MATH 3700 Big Data Computing3History 10623GE Soc SciII33Free Elective 1(1000-2000)33Free Elective 2(1000-2000)33ENG 2403 World Literature3Total Credits:18	Spring Semester Year 3MATH 3710 Found of Data Analytics3MATH Major ElectiveI3GE HumanitiesI3GE Science (add'1)3Free Elective 3 (3000-4000)3Total Credits: _15			
Summer Courses				
Summer I         Optional Internship Course ****       1         0       0         Total Credits:	Summer II         0          0        0          Total Credits:			
Senior Year				
Fall Semester Year 4MATH 4890 Senior Seminar3MATH 4710 Data Visualization3MATH 4720 Stat Data Mining ***3MATH Major Elective II3Free Elective 4 (3000-4000)3Free Elective 5 (3000-4000)3Total Credits:18	Spring Semester Year 4MATH 3802 Independent Study in Math 2MATH Major Elective III3GE Humanities II3Free Elective 6 (3000-4000)3Free Elective 7 (3000-4000)3Total Credits:14			

## Summer and Winter Courses

## **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: \_\_\_\_\_