



## KEAN UNIVERSITY - COLLEGE OF SCIENCE, MATHEMATICS AND TECHNOLOGY (70301) B.S. IN BIOLOGY: Environmental Biology Option 120 S.H.

For students graduating from Ocean County College with the A.S. General Studies - Science Concentration transferring to Kean University Kean Declaration GPA 2.5, In the Major GPA 2.5, and Graduation GPA 2.5

Kean University Courses are in Blue (60 S.H.) Ocean County College Courses are in Green (60 S.H.)

EFFECTIVE DATE: Fall 2021 See the Current Undergraduate Academic Catalog for Requirements to Graduate with Honors

Committed   Comm	See the C	Jurren	t Undergraduate Academic Catalog for Requirements to Graduate wi	
ENG 1000 College Composition* ENG 151 English 1 3 ENV 200 Evolutionary Biology 4 **MATH 1054 Precalculus* MATH 191 Precalculus 1 3 ENV 200 Ecosystem Science 4 **COMM 1402 Speech Communication MATH 192 Precalculus 1 3 ENV 2100 Ecosystem Science 4 **COMM 1402 Speech Communication MATH 192 Precalculus 1 3 ENV 2100 Ecosystem Science 4 **DISCIPLINARY & INTERDISCIPLINARY Distribution Reautimemetts: 19 S.H. **Humanifies 5 R.H. (from different areas)** **ENC 2403 World Literature Humanifies or Social Sci Gen Ed 3 ENV 2100 Ecosystem Science Communication (Fig. 22 Env 2403 World Literature Humanifies or Social Sci Gen Ed 3 ENV 2100 Ecosystem Science Communication (Fig. 22 Env 2403 World Literature Humanifies or Social Sci Gen Ed 3 ENV 2100 Ecosystem Science Communication (Fig. 22 Env 2403 World Literature Humanifies or Social Sci Gen Ed 3 ENV 210 Ecosystem Science Communication (Fig. 24 Env 2404 World Experiment Science Communication (Fig. 24 Env 2404 World E				
MATH 1054 Precalculus   MATH 191 Precalculus   3		1	ENV 1000 Intro to Env Sciences ENVI 152 Environmental Science	3
COMM 14/02 Speech Communication   MATH 192 Precalculus	ENG 151 English I	3	ENV 2020 Evolutionary Biology	4
Commit vidus speech to Commitmentation   Mark H 192 Preclamins   3	MATH 191 Precalculus I	3	ENV 2100 Ecosystem Science	4
GE 2024 Research & Technology	MATH 192 Precalculus II	3		4
SUBSTITUTION   STATE   SUBSTITUTION   SUBSTITUTIO	ENGL 152 English 2	2		1
Distribution Requirements:   19 S.H.   Principles of Organic Chemistry!   Humanities of Social Sci Gen Ed   3   ENV 3201 Biodiversity Assessment   4		13		
Humanities 6 S.H. (from different areas)		S.H.	OR CHEM 2581+2581L Principles of Organic Chemistry	"
Take one "GE Approved" course from one area below:  Fine Arts/History  Humanities Gen Ed  Philosophy or Religion  Pholosophy or Religion  Pholosophy or Religion  Humanities Gen Ed  Philosophy or Religion  Proreign Lang (Take 1 & II for credit)  Music or Theatre  Music or Theatre  Misc one "GE Approved" course from one area below:  Pill St 1062 Worlds of History  Technology Gen Ed 3 3000-4000 elective 3 30				4
Fine Arts/History  Humanities Gen Ed  Associal Sciences 6 S.H. (from different areas)  Philosophy or Religion  Foreign Lang (Take I & II for credit)  Music or Theatre  Interdisciplinary  Associal Sciences 6 S.H. (from different areas)  Pocial Sciences 6 S.H. (from different areas)  Associal Sciences 6 S.H. (from different areas)  Pocial Sciences 6 S.H. (from different areas)  All Interdisciplinary  Social Sciences 6 S.H. (from different areas)  Pophylosophy or General Physics I  Apphylosophy or Anthropology  Social Science Gen Ed  Social Science Gen Ed  Social Science and Mathematics  Tober Math 156 Intro to Statistics  MATH 265 Calculus I  ES 3011 Data Analysis for Env & Health  MATH 2415 Calculus I  MATH 255	Humanities or Social Sci Gen Ed	3	ENV 4210 Conservation Biology	4
Fine Arts/History  Humanities Gen Ed  Agout Courses  Optional: Es 3171-3173 Internship  1-3  Interdisciplinary  Social Sciences 6 S.H. (from different areas)  Hist Ti 162 Worlds of History  Technology Gen Ed  3 3000-4000 elective  3	ne area below:		ENV 4961,2,3,4 Independent Study in SESS (1-4 credits)	1-4
Philosophy or Religion   Foreign Lang (Take I & II for credit)   A   Dottonal: ES 3171-3173 Internship   1-3   1	Humanities Gen Ed		To be selected with advisement from approved program list maintained SESS and in consultation with the Program Coordinator. At least 50% r	in the nust be at
Music or Theatre   1000-4000 elective   3   3   1000-4000 elective   3   3   3   3   3   3   3   3   3		3	Major Elective Courses	12-16 S.H.
Interdisciplinary  Social Sciences 6 S.H. (from different areas)  1000-4000 elective  3000-4000 elective  3000-4000 elective  31000-4000 elective  32000-4000 elective  33000-4000 elective  33000-4000 elective  33000-4000 elective  33000-4000 elective  33000-4000 elective  33Economics or ES 1010-World Geog  Political Science  Social Science Gen Ed  35Ceince and Mathematics  35Ceince and Mathematics  36Ceince and Mathematics  37S.H.  **MATH 1016 Statistics  MATH 156 Intro to Statistics  33Ceince and Mathematics  37S.H.  **MATH 1016 Statistics  MATH 156 General Biology I  EIO 1400 Biology II  BIOL 161 General Biology II  BIOL 162 General Biology II  BIOL 162 General Chemistry II  CHEM 182 General Chemistry II  ES 3011 Data Analysis for Env & Healtf  MATH 2415 Calculus¹  MATH 265 Calculus I  PHYS 2091 General Physics I  Take any two (2) of the below four (4) courses  BIO 3400 Zoology  BIO 3400 Zoology  BIO 3700 Genetics  PHYS 2092 General Physics II - If this is chosen, must be taken in Union  4000-4000 elective  ***Major Capstone Course***  ***Touched Course**  ***Touched Capstone Course**  ***Touched Course**  ***Touched Course**  ***Jens 1000-4000 elective  \$ 3Additional Credits  \$ 3000-4000 elective  \$ 3 Additional Credits  \$ 4 Course required by Certinal Path Secure Analysis and equivalencies.  ***Course required by major.  ***All major courses require a grade of C or better.  ****Major Caps				1-3
Social Sciences 6 S.H. (from different areas)   3000-4000 elective   3   3   3000-4000 elective   3   3   3   3   3   3   3   3   3				
HIST 1062 Worlds of History  Take one 'GE Approved' course from one area below:  Psychology  Economics or ES 1010-World Geog  Political Science  Social Science Gen Ed  TRICTION OF CONTROL OF				
Take one "GE Approved" course from one area below:  Psychology  Economics or ES 1010-World Geog  Political Science  Social Science Gen Ed  SUST 4300 Independent Practicum in Sustainability (WE)  STSC 150 + 1 credit from ENVI 152  3 3000-4000 elective  STSC 150 + 1 credit from ENVI 152  3 3000-4000 elective  STSC 150 + 1 credit from ENVI 152  3 3 3000-4000 elective  STSC 150 + 1 credit from ENVI 152  3 3 3000-4000 elective  STSC 150 + 1 credit from ENVI 152  3 3 3000-4000 elective  STSC 150 + 1 credit from ENVI 152  3 3 3000-4000 elective  STSC 150 + 1 credit from ENVI 152  3 3 3000-4000 elective  STSC 150 + 1 credit from ENVI 152  3 3 3000-4000 elective  STSC 150 + 1 credit from ENVI 152  3 3 3000-4000 elective  STSC 150 + 1 credit from ENVI 152  3 3 3000-4000 elective  STSC 150 + 1 credit from ENVI 152  3 3 3000-4000 elective  STSC 150 + 1 credit from ENVI 152  3 3 4 4 1000-4000 elective  STSC 150 + 1 credit from ENVI 152  3 3 4 4 1000-4000 elective  STSC 150 + 1 credit from ENVI 152  3 3 4 4 1000-4000 elective  STSC 150 + 1 credit from ENVI 152  3 3 4 4 1000-4000 elective  STSC 150 + 1 credit from ENVI 152  3 3 4 4 1000-4000 elective  STSC 150 + 1 credit from ENVI 152  3 3 4 4 1000-4000 elective  STSC 150 + 1 credit from ENVI 152  3 3 4 4 1000-4000 elective  STSC 150 + 1 credit from ENVI 152  4 Seperal Ottes  Special Notes:  10 1 400 Biology II  Special				
Political Science   Scie		3		
Free ELECTIVES: At least 50% must be 3000-4000 level.  5-9 S.H.  1000-4000 elective  1	lle area below.			
Douistical Science   Social Science Gen Ed   3   1000-4000 elective   STSC 150 + 1 credit from ENVI 152   3   1000-4000 elective   3 Additional Credits   3   3   3   3   3   3   3   3   3				
Sociology or Anthropology Interdisciplinary  Science and Mathematics  To S.H.  **MATH 1016 Statistics  MATH 156 Intro to Statistics  Special Notes:  Special Notes:  'See prerequisites and equivalencies.  'University requirement for graduation for all undergraduate students that must be satisfied: Complete GE 3000 (transfers entering with 30 credits or more).  *******PRO 1303 requires a grade of C or bigher.  **Required by SESS; prerequisite is MATH 1000 first.  **GE Distribution Course.  ****Course required by major.  *****All major courses require a grade of C or better to advance to CHEM 1084.  ****Students pursuing health, research, or veterinary fields should take CHEM 2581+2581L followed by CHEM 2582+2582L (Organic Chemistry II would count as program electives).	Social Science Con Ed	٦		
Science and Mathematics	Social Science Gen Ed	3		
Science and Mathematics 7 S.H.  ***MATH 1016 Statistics MATH 156 Intro to Statistics 3  ******CHEM 1083 Chemistry I CHEM 181 General Chemistry I 4  ADDITIONAL REQUIRED COURSE 32 S.H.  BIO 1300 Biology I BIOL 161 General Biology II 4  BIO 1400 Biology II BIOL 162 General Biology II 4  ****CHEM 1084 Chemistry II CHEM 182 General Chemistry II 4  ES 3011 Data Analysis for Env & Health MATH 265 Calculus I 4  PHYS 2091 General Physics I PHYS 171 Physics 1 4  Take any two (2) of the below four (4) courses  BIO 2500 Principles of Botany  BIO 3709 Genetics  PHYS 2092 General Physics II - If this is chosen, must be taken in Union 4  ****CHEM 1084 Chemistry II CHEM 182 General Chemistry II 4  ****CHEM 1084 Chemistry II CHEM 182 General Chemistry II 4  ****CHEM 1084 Chemistry II CHEM 182 General Chemistry II 4  ****CHEM 1084 Chemistry II CHEM 182 General Chemistry II 4  ****CHEM 1084 Chemistry II CHEM 182 General Chemistry II 4  ****CHEM 1084 Chemistry II CHEM 182 General Chemistry II 4  ****CHEM 1084 Chemistry II CHEM 182 General Chemistry II 4  *****CHEM 1084 Chemistry II CHEM 182 General Chemistry II 4  *****CHEM 1084 Chemistry II CHEM 182 General Chemistry II 4  *****CHEM 1084 Chemistry II CHEM 182 General Chemistry II 4  *****CHEM 1084 Chemistry II CHEM 182 General Chemistry II 4  *****CHEM 1084 Chemistry II 000 (transfers entering with 30 credits or more).  *****EPIG 1030 requires a grade of C or higher.  ****Course required by SESS; prerequisite is MATH 1000 first.  ****CE Distribution Course.  ****Course required by major.  *****All major courses require a grade of C or better.  *****Must earn a grade of C or better to advance to CHEM 1084.  **Students pursuing health, research, or veterinary fields should take CHEM 2581+2581L followed by CHEM 2582+2582L (Organic Chemistry II would count as program electives).			ļ .	
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*****CHEM 1083 Chemistry I CHEM 181 General Chemistry I 4  ADDITIONAL REQUIRED COURSE  BIO 1300 Biology I BIOL 161 General Biology I 4  BIO 1400 Biology II BIOL 162 General Biology II 4  *****CHEM 1084 Chemistry II CHEM 182 General Chemistry II 4  ES 3011 Data Analysis for Env & Health 4  MATH 2415 Calculus I MATH 265 Calculus I 4  PHYS 2091 General Physics I PHYS 171 Physics 1 4  BIO 2500 Principles of Botany  BIO 3400 Zoology  BIO 3709 Genetics  PHYS 2092 General Physics II - If this is chosen, must be taken in Union 4  ****CHEM 1084 Chemistry II 5ee prerequisites and equivalencies.  2 University requirement for graduation for all undergraduate students that must be satisfied: Complete GE 3000 (transfers entering with 30 credits or more).  3 ENG 1030 requires a grade of C or higher.  4 Required by SESS; prerequisite is MATH 1000 which may be used as a free elective by students needing to take MATH 1000 first.  **GE Distribution Course.  ****Course required by major.  ****Must earn a grade of C or better to advance to CHEM 1084.  *Students pursuing health, research, or veterinary fields should take CHEM 2581+2581L followed by CHEM 2582+2582L (Organic Chemistry II would count as program electives).		_		
ADDITIONAL REQUIRED COURSE  BIO 1300 Biology I  BIO 1400 Biology II  BIO 1400 Biology II  BIOL 162 General Biology II  *****CHEM 1084 Chemistry II  CHEM 182 General Chemistry II  ES 3011 Data Analysis for Env & Health  MATH 2415 Calculus I  PHYS 2091 General Physics I  Take any two (2) of the below four (4) courses  BIO 2500 Principles of Botany  BIO 3400 Zoology  BIO 3709 Genetics  PHYS 2092 General Physics II - If this is chosen, must be taken in Union  32 S.H.  Special Notes:  'See prerequisites and equivalencies.  'University requirement for graduation for all undergraduate students that must be satisfied: Complete GE 3000 (transfers entering with 30 credits or more).  ***CHEM 1084 Chemistry II  4 Required by SESS; prerequisite is MATH 1000 which may be used as a free elective by students needing to take MATH 1000 first.  *GE Distribution Course.  ***Course required by major.  *****All major courses require a grade of C or better.  *****Must earn a grade of C or better to advance to CHEM 1084.  Students pursuing health, research, or veterinary fields should take CHEM 2581+2581L followed by CHEM 2582+2582L (Organic Chemistry II would count as program electives).		_		
BIO 1300 Biology I  BIO 1400 Biology II  BIO 1400 Biology II  BIO 1402 General Biology II  *****CHEM 1084 Chemistry II  CHEM 182 General Chemistry II  ES 3011 Data Analysis for Env & Healtr  MATH 2415 Calculus I  PHYS 2091 General Physics I  Take any two (2) of the below four (4) courses  BIO 2500 Principles of Botany  BIO 3400 Zoology  BIO 3709 Genetics  PHYS 2092 General Physics II - If this is chosen, must be taken in Union  BIO 1401 General Biology I  4  See prerequisites and equivalencies.  2 University requirement for graduation for all undergraduate students that must be satisfied: Complete GE 3000 (transfers entering with 30 credits or more).  3 ENG 1030 requires a grade of C or higher.  4 Required by SESS; prerequisite is MATH 1000 which may be used as a free elective by students needing to take MATH 1000 first.  *GE Distribution Course.  **Course required by major.  ****Must earn a grade of C or better to advance to CHEM 1084.  *Students pursuing health, research, or veterinary fields should take CHEM 2581+2581L followed by CHEM 2582+2582L (Organic Chemistry II would count as program electives).	,		Special Notes:	
BIO 1400 Biology II  BIOL 162 General Biology II  ******CHEM 1084 Chemistry II  ES 3011 Data Analysis for Env & Health  MATH 2415 Calculus¹  PHYS 2091 General Physics I  Take any two (2) of the below four (4) courses  BIO 3400 Zoology  BIO 3709 Genetics  PHYS 2092 General Physics II - If this is chosen, must be taken in Union  BIO 162 General Biology II  4  University requirement for graduation for all undergraduate students that must be satisfied: Complete GE 3000 (transfers entering with 30 credits or more).  **ENG 1030 requires a grade of C or higher.  4 Required by SESS; prerequisite is MATH 1000 which may be used as a free elective by students needing to take MATH 1000 first.  *GE Distribution Course.  **Course required by major.  ****All major courses require a grade of C or better.  *****Must earn a grade of C or better to advance to CHEM 1084.  *****Students pursuing health, research, or veterinary fields should take CHEM 2581+2581L followed by CHEM 2582+2582L (Organic Chemistry II would count as program electives).		_		
*****CHEM 1084 Chemistry II  ES 3011 Data Analysis for Env & Health  MATH 2415 Calculus¹  PHYS 2091 General Physics I  Take any two (2) of the below four (4) courses  BIO 3400 Zoology  BIO 3709 Genetics  PHYS 2092 General Physics II - If this is chosen, must be taken in Union  ****CHEM 1084 Chemistry II  CHEM 182 General Chemistry II  4  Required by SESS; prerequisite is MATH 1000 which may be used as a free elective by students needing to take MATH 1000 first.  *GE Distribution Course.  ***Course required by major.  ****All major courses require a grade of C or better.  *****Must earn a grade of C or better to advance to CHEM 1084.  Students pursuing health, research, or veterinary fields should take CHEM 2581+2581L followed by CHEM 2582+2582L (Organic Chemistry II would count as program electives).	T DICH TO FCEHERAL DICHOUVE	14	Joee prerequisites and equivalencies.	
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MATH 2415 Calculus¹  PHYS 2091 General Physics I  Take any two (2) of the below four (4) courses  BIO 2500 Principles of Botany  BIO 3400 Zoology  BIO 3709 Genetics  PHYS 2092 General Physics II - If this is chosen, must be taken in Union  ATE A Calculus I  4  Elective by students needing to take MATH 1000 first.  *GE Distribution Course.  **Course required by major.  ****All major courses require a grade of C or better.  *****Must earn a grade of C or better to advance to CHEM 1084.  *Students pursuing health, research, or veterinary fields should take CHEM 2581+2581L followed by CHEM 2582+2582L (Organic Chemistry II would count as program electives).	BIOL 162 General Biology II	4	<sup>2</sup> University requirement for graduation for all undergraduate students the satisfied: Complete GE 3000 (transfers entering with 30 credits or more	
PHYS 2091 General Physics I PHYS 171 Physics 1  Take any two (2) of the below four (4) courses  BIO 2500 Principles of Botany  BIO 3400 Zoology  BIO 3709 Genetics  PHYS 2092 General Physics II - If this is chosen, must be taken in Union  4  "GE Distribution Course.  ***Course required by major.  ****All major courses require a grade of C or better.  *****Must earn a grade of C or better to advance to CHEM 1084.  "Students pursuing health, research, or veterinary fields should take CHEM 2581+2581L followed by CHEM 2582+2582L (Organic Chemistry II would count as program electives).	BIOL 162 General Biology II CHEM 182 General Chemistry II	4	<ul> <li>University requirement for graduation for all undergraduate students the satisfied: Complete GE 3000 (transfers entering with 30 credits or more 3 ENG 1030 requires a grade of C or higher.</li> </ul>	).
Take any <b>two (2)</b> of the below <b>four (4)</b> courses  BIO 2500 Principles of Botany  BIO 3400 Zoology  BIO 3709 Genetics  PHYS 2092 General Physics II - If this is chosen, must be taken in Union  ***All major courses require a grade of C or better.  ****Must earn a grade of C or better to advance to CHEM 1084.  Students pursuing health, research, or veterinary fields should take CHEM 2581+2581L followed by CHEM 2582+2582L (Organic Chemistry II would count as program electives).	BIOL 162 General Biology II CHEM 182 General Chemistry II	4 4	<ul> <li>University requirement for graduation for all undergraduate students the satisfied: Complete GE 3000 (transfers entering with 30 credits or more 3 ENG 1030 requires a grade of C or higher.</li> <li>Required by SESS; prerequisite is MATH 1000 which may be used as elective by students needing to take MATH 1000 first.</li> </ul>	).
BIO 2500 Principles of Botany  BIO 3400 Zoology  BIO 3709 Genetics PHYS 2092 General Physics II - If this is chosen, must be taken in Union  ****Must earn a grade of C or better to advance to CHEM 1084.  *Students pursuing health, research, or veterinary fields should take CHEM 2581+2581L followed by CHEM 2582+2582L (Organic Chemistry II would count as program electives).	BIOL 162 General Biology II CHEM 182 General Chemistry II MATH 265 Calculus I	4 4 4	<ul> <li>University requirement for graduation for all undergraduate students the satisfied: Complete GE 3000 (transfers entering with 30 credits or more <sup>3</sup> ENG 1030 requires a grade of C or higher.</li> <li>Required by SESS; prerequisite is MATH 1000 which may be used as elective by students needing to take MATH 1000 first.</li> <li>*GE Distribution Course.</li> </ul>	).
BIO 3400 Zoology  BIO 3709 Genetics  PHYS 2092 General Physics II - If this is chosen, must be taken in Union  4  Students pursuing health, research, or veterinary fields should take CHEM 2581+2581L followed by CHEM 2582+2582L (Organic Chemistry II would count as program electives).	BIOL 162 General Biology II CHEM 182 General Chemistry II  MATH 265 Calculus I PHYS 171 Physics 1	4 4 4	<ul> <li>University requirement for graduation for all undergraduate students the satisfied: Complete GE 3000 (transfers entering with 30 credits or more <sup>3</sup> ENG 1030 requires a grade of C or higher.</li> <li>Required by SESS; prerequisite is MATH 1000 which may be used as elective by students needing to take MATH 1000 first.</li> <li>*GE Distribution Course.</li> <li>**Course required by major.</li> </ul>	).
BIO 3709 Genetics  PHYS 2092 General Physics II - If this is chosen, must be taken in Union  4  2561+2561E followed by CHEM 2562+2562E (Organic Chemistry if would count as program electives).	BIOL 162 General Biology II CHEM 182 General Chemistry II  MATH 265 Calculus I PHYS 171 Physics 1	4 4 4 4	<ul> <li><sup>2</sup> University requirement for graduation for all undergraduate students the satisfied: Complete GE 3000 (transfers entering with 30 credits or more <sup>3</sup> ENG 1030 requires a grade of C or higher.</li> <li><sup>4</sup> Required by SESS; prerequisite is MATH 1000 which may be used as elective by students needing to take MATH 1000 first.</li> <li>*GE Distribution Course.</li> <li>**Course required by major.</li> <li>***All major courses require a grade of C or better.</li> <li>****Must earn a grade of C or better to advance to CHEM 1084.</li> </ul>	a free
PHYS 2092 General Physics II - If this is chosen, must be taken in Union 4	BIOL 162 General Biology II CHEM 182 General Chemistry II  MATH 265 Calculus I PHYS 171 Physics 1	4 4 4 4	<ul> <li><sup>2</sup> University requirement for graduation for all undergraduate students the satisfied: Complete GE 3000 (transfers entering with 30 credits or more <sup>3</sup> ENG 1030 requires a grade of C or higher.</li> <li><sup>4</sup> Required by SESS; prerequisite is MATH 1000 which may be used as elective by students needing to take MATH 1000 first.</li> <li>*GE Distribution Course.</li> <li>**Course required by major.</li> <li>***All major courses require a grade of C or better.</li> <li>****Must earn a grade of C or better to advance to CHEM 1084.</li> <li>*Students pursuing health, research, or veterinary fields should take Ch</li> </ul>	). a free HEM
	BIOL 162 General Biology II CHEM 182 General Chemistry II  MATH 265 Calculus I PHYS 171 Physics 1	4 4 4 4	<ul> <li>University requirement for graduation for all undergraduate students the satisfied: Complete GE 3000 (transfers entering with 30 credits or more 3 ENG 1030 requires a grade of C or higher.</li> <li>Required by SESS; prerequisite is MATH 1000 which may be used as elective by students needing to take MATH 1000 first.</li> <li>GE Distribution Course.</li> <li>**Course required by major.</li> <li>***All major courses require a grade of C or better.</li> <li>****Must earn a grade of C or better to advance to CHEM 1084.</li> <li>*Students pursuing health, research, or veterinary fields should take CH 2581+2581L followed by CHEM 2582+2582L (Organic Chemistry II works.)</li> </ul>	). a free HEM
	BIOL 162 General Biology II CHEM 182 General Chemistry II  MATH 265 Calculus I PHYS 171 Physics 1 courses	4 4 4 4	<ul> <li>University requirement for graduation for all undergraduate students the satisfied: Complete GE 3000 (transfers entering with 30 credits or more 3 ENG 1030 requires a grade of C or higher.</li> <li>Required by SESS; prerequisite is MATH 1000 which may be used as elective by students needing to take MATH 1000 first.</li> <li>GE Distribution Course.</li> <li>**Course required by major.</li> <li>***All major courses require a grade of C or better.</li> <li>****Must earn a grade of C or better to advance to CHEM 1084.</li> <li>*Students pursuing health, research, or veterinary fields should take CH 2581+2581L followed by CHEM 2582+2582L (Organic Chemistry II works.)</li> </ul>	). a free HEM
*****CHEM 1084 Chemistry II ES 3011 Data Analysis for Env & Health MATH 2415 Calculus¹ PHYS 2091 General Physics I Take any two (2) of the below four (4) of BIO 2500 Principles of Botany BIO 3400 Zoology BIO 3709 Genetics PHYS 2092 General Physics II - If this is		ENG 151 English I  MATH 191 Precalculus I  MATH 192 Precalculus II  ENGL 152 English 2  Y  19  as)  Humanities or Social Sci Gen Ed ne area below:  Humanities Gen Ed ne area below:  Social Science Gen Ed  MATH 156 Intro to Statistics  CHEM 181 General Chemistry I	1	32 S.H. 13 S.H. 13 S.H. 13 S.H. 14 ENV 1000 Intro to Env Sciences   ENVI 152 Environmental Science   ENG 151 English I

<sup>&</sup>lt;sup>1</sup>Updated 10/14/2021 By: Jessica Adams & Taylor LaCava