http://kuub.ku.edu/

Sample 2-year plan for:
Biochemistry, Biology, Human Biology, or Molecular Biosciences*

If needed, complete MATH 101 or 104 the summer before starting this schedule or complete CHEM 135 the summer after.[1]

First Year Summer: BIOL 105 Biology Orientation Seminar (1 h; online course) - for students entering KU in/after Fall 2014*

First Year Fall	# Hours
CHEM 130/170[1] Chemistry I	5
BIOL 150/151[2] Princ. of Molecular & Cell. Biol.	4
KU Core (English 101)	3
KU Core	3
(take BIOL 105* if not taken in summer)	
Total Hours:	15

First Year Spring	# Hours
CHEM 135/175[3] Chemistry II	5
BIOL 152/153 Princ. of Organismal Biology	4
MATH 115[1] or MATH 121/MATH 125 Calculus I	3-5
KU Core (English 102/105)	3
Total Hours:	15-17

Second Year Fall	# Hours
CHEM 330 Organic Chem. I	3
(CHEM 331 Org. Chem. I Lab if applicable)	(2)
BIOL 350/360 Principles of Genetics	4
MATH 116 (or MATH 122/MATH 126)[1] Calc. II	3-5
KU Core	3
Total Hours:	13-17

Second Year Spring
Refer to your notes from advising meetings, to your Degree Progress Report, and to a Degree Requirement Checksheet.
Meet with a biology faculty advisor to plan your future semesters. http://www.kuub.ku.edu/advising

* BIOL 105 not required for students pursuing a B.S. Molecular Biosciences major on the Edwards campus.
1. Requires a Math ACT score of 26+, a comparable SAT or KU Math Placement Exam score, or credit for a MATH 101 or 104 equivalent course. MATH 121/MATH 125 can be taken instead of MATH 115+116 to fulfill the math requirement, but B.S. Biochemistry requires MATH 12 +122 or MATH 125+126. See classes.ku.edu for MATH 121 and MATH 125 prerequisites.
2. Concurrent or prior enrollment in CHEM 130/170 is required. CHEM 170 intended for Biochemistry majors.
3. CHEM 135/175 is offered only in the spring. CHEM 170 and 175 intended for Biochemistry majors.
4. Most med schools require the full CHEM 330, 331, 335, and 336 sequence (refer to http://www.medadvising.ku.edu/pre-medicine-courses).

Sample 2-year plan for: **Microbiology**

If needed, complete MATH 101 or 104 the summer before starting this schedule or complete CHEM 135 the summer after.[1]

First Year Summer: BIOL 105 Biology Orientation Seminar (1 h; online course) - for students entering KU in/after Fall 2014*

First Year Fall	# Hours
CHEM 130[1] Chemistry I	5
BIOL 150/151[2] Princ. of Molecular & Cell. Biol.	4
KU Core (English 101)	3
KU Core	3
(take BIOL 105 if not taken in summer)	
Total Hours:	15

First Year Spring	# Hours
CHEM 135[3] Chemistry II	5
MATH 115[1] or MATH 121/MATH 125 Calculus I	3-5
KU Core (English 102/105)	3
KU Core	3
Total Hours:	14-16

Second Year Fall	# Hours
CHEM 330 Organic Chem. I	3
CHEM 331 Organic Chem. I Lab	2
BIOL 400/401[5] Fundamentals of Microbiology	3
BIOL 402[5] Microbiology lab	2
MATH 116[1] Calc. II (unless MATH 121/MATH 125 taken)	3
KU Core	3
Total Hours:	15

Second Year Spring	# Hours
BIOL 350 Principles of Genetics	4
AND other courses for a full semester course load.	
Refer to your notes from advising meetings, to your Degree Progress Report, and to a Degree Requirement Checksheet.	
Meet with a biology faculty advisor to plan your future semesters. http://www.kuub.ku.edu/advising	
Total Hours:	≅15-17

1. Requires a Math ACT score of 26+, a comparable SAT or KU Math Placement Exam score, or credit for a MATH 101 or 104 equivalent course. MATH 121/MATH 125 can be taken instead of MATH 115+116 to fulfill the math requirement, but B.S. Biochemistry requires MATH 121+122 or MATH 125+126. See classes.ku.edu for MATH 121 and MATH 125 prerequisites.
2. Concurrent or prior enrollment in CHEM 130 is required.
3. CHEM 135 is offered only in the spring and the summer.
4. Most med schools require the full CHEM 330, 331, 335, and 336 sequence (refer to http://www.medadvising.ku.edu/pre-medicine-courses). Students who plan to attend graduate school for an M.A. or Ph.D. should take two semesters of organic.
5. BIOL 400/401 and 402 are offered only in the fall.