

College/University (Community Colleges posted at bottom of page)	English *(6-7 semester credit hrs.)	Animal Biology w/ Lab (4-5 semester credit hrs.)	Microbiology w/ Lab (4-5 sem. credit hrs.)	Mathematics (4-6 sem. credit hrs.)	Statistics (3 sem. credit hrs.)	General Chemistry I & II w/ Labs (8-10 sem. credit hrs.)	Organic Chemistry I & II w/ Lab (8 – 10 sem. credit hrs.)	Human Anatomy (3 sem. credit hrs.)	Algebra-Based Physics I & II (8 sem. credit hrs. , not including lab hrs.)	Micro-Economics (3 sem. credit hrs.)
University of KY	ENG 104* - 1st year writing requirement & ENG 200+ 2nd tier requirement (see note at bottom of chart)	BIO 152 – Principles of Biology II & BIO 151 or 153 (Labs)	BIO 208 – Principles of Microbiology & BIO 209 – Lab	MA 113 – Calculus I OR MA 109 – College Algebra & MA 123 – Elementary Calculus	STA 291 – Statistical Method	CHE 105/CHE 111 – General Chemistry I w/ Lab & CHE 107/113– General Chemistry II w/ Lab	CHE 230/231 – Organic Chemistry I w/ Lab & CHE 232/233 – Organic Chemistry II w/ Lab	ANA 209– Basic Human Anatomy OR PGY 206 – Elementary Physiology (Anatomy preferred)	PHY 211 – Physics I & II	ECO 201 – Principles of Microeconomics
Alice Lloyd Coll.	ENG 101 – Freshman Composition I & ENG 102 – Freshman Composition II	BIO 105 – Principles of Biology & BIO 206 – Animal Biology	BIOL 306 – Microbiology	MATH 125 – Differential Calculus OR MATH 113 – College Algebra & MATH 114 – Trigonometry	MATH 250 – Introduction to Probability & Statistical Inference	CHEM 115 - General Chemistry I & CHEM 116 – General Chemistry II	CHEM 225 – Organic Chemistry I & CHEM 226 – Organic Chemistry II	BIOL 211 – Human Anatomy & Physiology I & BIOL 212 – Human Anatomy & Physiology II	PHSC 211 – General Physics I & PHSC 212 – General Physics II	ECON 209 – Principles of Economics I
Asbury Coll.	ENG 110 – Expository & Research OR ENG 251 – Advanced English Comp & One English Elective	BIO 161/163- General Biology I/Lab & BIO 162/164 General Biology II/Lab	BIO 211/213 – Microbiology/Lab	MA 181 – Calculus I OR MA 111 – College Algebra & MA 112 - Precalculus	MA 232 – Probability & Statistics OR PSY 315 Statistics for Behavioral Science	CHE 121 – General College Chemistry I & CHE 122 – General College Chemistry II	CHE 201 – Organic Chemistry I & CHE 202 – Organic Chemistry II	BIO 331 – Human Anatomy OR BIO 262 – Human Physiology OR BIO 352 Physiology	PHY 201 – Introductory Physics I & PHY 201 – Introductory Physics II	ECN 272 – Introduction to Microeconomics
Bellarmine Univ.	ENG 101 – Expository Writing & 200-level literature course	BIOL 140– Animal Diversity	BIOL 313 – Microbiology	MATH 117 – Calculus I	MA 205 – Elementary Statistics	CHEM 103– General Chemistry I & CHEM 104– General Chemistry II	CHEM 205– Organic Chemistry I & CHEM 206– Organic Chemistry II	BIOL 435 – Human Gross Anatomy OR BIOL 314 Vertebrate Physiology	PHY – 201 College Physics I & PHY 202– College Physics II	ECON 111 – Principles of Microeconomics

Berea College	GSTR 100 – Stories Encountered Thru Literature & One Writing Elective	BIO 110 – Modern Biology	BIO 322 – Microbiology	MAT 220 – Calculus I	MAT 104 – Introduction to Statistics	CHM 121- General Chemistry Structure & CHM 341 – Quantitative Analysis	CHM 321 – Organic Chemistry I & CHM 322 – Organic Chemistry II	BIO 101 – Human Anatomy & Physiology I & BIO 302 – Human Anatomy & Physiology II	PHY 217 – General Physics I & PHY 218 – General Physics II	ECO 102 – Principles of Microeconomics
Brescia Univ.	ENG 101 – Writing I & ENG 102 – Writing II	BIO 105 / BIO 105 L – Ecology and Evolution & Lab OR- BIO 215 /215L - Biological Diversity & Lab	BIO 311/ 311 L – Microbiology / Micro Lab	MA 211 – Calculus I OR MA 111- College Algebra/ Trig & MA 113- Survey of Calculus	MA 313 – Probability & Statistics OR MA 250 – Statistics for Social Sciences	CHM 101 / CHM 101 L – General Chemistry I & Lab & CHM 102 / CHM 102 L – General Chemistry II & Lab	CHM 301 / 301 L – Organic Chemistry I & Lab & CHM 302 / 302 L – Organic Chemistry I & Lab	BIO 201 / 201 L – Ana/Phys I & Lab & BIO 202 / 202 L – Ana/Phys II & Lab	PHS 201 / PHS 201L General Physics I & Lab & PHS 202 / PHS 202 L General Physics II & Lab	ECO 202 – Economic Concepts II (Microeconomics)
Campbellsville U.	ENG 111 – Freshman Composition I & ENG 112 – Freshman Comp. II	BIO 201 - Zoology	BIO 321 – Microbiology	MTH 210 – Calculus I OR MTH 111 – College Algebra & MTH 123 – Elementary Calculus & Its Applications	MTH 130 – Elementary Statistics OR POL 361 – Social Statistics	CHE 111 / CHE 113 – General Chemistry I & Chem Lab & CHE 112 / CHE 114 – General Chemistry II & Chem Lab	CHE 341 / CHE 342 – Organic Chemistry & Organic Lab & CHE 343 / CHE 344 – Organic Chemistry II & Organic Lab	BIO 221 – Anatomy & Physiology I OR BIO 362 – Comparative Vertebrate Anatomy	PHY 141 / PHY 143 – General College Physics I & Lab & PHY 142 / PHY 144 – General College Physics II & Lab	ECO 222 - Microeconomics
Centre College	HUM 110 – Intro to Humanities I OR HUM 111 – Expository Writ/Hum. I & HUM 120 – Intro to Humanities II OR HUM 121 – Expository Writing/ Expository Writing	BIO 110 – The Unity & Diversity of Life	BIO 340 – Microbiology I	MAT 170 – Calculus I OR MAT 140 Differential Calculus with Review & MAT 141 Integral Calculus with Review	MA 130 – Introduction to Statistics	CHE 131 – Atomic & Molecular Structure & CHE 132 – Principles of Chemical Reactions OR CHE 135 Accelerated Gen. Chem & CHE 250 Intro to Inorganic & Analytical Chemistry	CHE 241 – Organic Chemistry I & CHE 341 – Organic Chemistry II	BIO 225 – The Human Animal	PHY 210 – General Physics I & PHY 230 – General Physics II	ECO 110 – Introduction to Economics OR ECO 220 – Microeconomics Analysis

	II									
Cumberland Coll.	ENGL 131 – English Comp. I & ENGL 132 – English Comp. II	BIOL 131 / 111 – Intro to Organismal Biology / Lab & BIOL 132 / 112 – Intro to Cellular Biology / Lab	BIOL 345 – Microbiology I	MATH 140 – Calculus I OR MATH 132 – College Algebra & MATH 136 – Precalculus	MATH – 335 Introduction to Probability & Statistics	CHEM 142 / CHEM 111 – General College Chemistry I & Chem Lab & CHEM 242 / CHEM 211 – General College Chemistry II & Chem Lab	CHEM 331 / CHEM 311 – Organic Chemistry I & Organic Lab & CHEM 332 / CHEM 312 – Organic Chemistry II & Organic Lab	BIOL 243 – Human Anatomy OR BIOL 442 – Comparative Anatomy	PHYS 241 – Physics I & PHYS 242 – Physics II	BADM 136 – Microeconomics
Eastern KY Univ.	ENG 101 – English Comp. I & ENG 102 – English Comp. II	BIO 141 – General Zoology	BIO 273 – Clinical Microbiology OR BIO 320 – Principles of Microbiology I	MAT 124 – Calculus I OR MAT 107 – College Algebra & MA 109 – Precalculus Mathematics	STA 270 – Applied Statistics I	CHE 111/115 – Introductory Chemistry I & lab & CHE 112/116 – Introductory Chemistry II & lab	CHE 361 / CHE 366 – Organic Chemistry I / Lab & CHE 362 / CHE 367 – Organic Chemistry II / Lab	BIO 171 – Human Anatomy	PHY 131 – College Physics I & PHY 132 – College Physics II	ECO 230 – Principles of Economics I
Georgetown Coll.	ENG 111 – English Comp. I & ENG 112 – English Comp. II	BIO 213 – Organismal Diversity	BIO 311 – General Microbiology	MA 107 – College Algebra & MA 121 – Differential Calculus	MA 201 – Elementary Probability and Statistics	CHE 111 – General Chemistry I & CHE 112 – General Chemistry II & CHE 113 – Chemical Measurements Laboratory	CHE 201 – Organic Chemistry I & CHE 202 – Organic Chemistry Lab I & CHE 309 – Organic Chemistry II & CHE 310 Organic Chemistry Lab II	KHS 304 – Anatomy for Allied Health OR BIO 305 – Human Physiology I & BIO 306 – Human Physiology II	PHY 111 – General Physics I & PHY 112 – General Physics II	ECO 223 – Principles of Microeconomics
KY Christian Coll.	ASEN 101 – English Comp I & ASEN 102 – English Comp II	ASBS 110 – Human Biology	ASBS 211 – Principles of Microbiology	ASMA 321 – Calculus I	ASMA 302 – Introduction to Statistics	Not Offered	Not Offered	ASBS 111 – Anatomy / Physiology I ASBS 112 – Anatomy /	Not Offered	BUAD 231 – Microeconomics

								Physiology II		
KY State Univ	ENG 101 – English Comp. I & ENG 102 – English Comp. II	BIO 210 – General Zoology	BIO 302 – General Microbiology	MAT 131 – Calculus & Analytic Geometry I OR MAT 115 – College Algebra & MAT 120 – Precalculus	POS/PSY/SOC 300 – Statistics for Behavioral & Social Sciences	CHE 101 – General Chemistry I & CHE 102 – General Chemistry II	CHE 201 – Organic Chemistry I & CHE 202 – Organic Chemistry II	BIO 107 – Anatomy & Physiology I & BIO 108 – Anatomy & Physiology II OR BIO 301 – Human Anatomy OR BIO 303 – Human Physiology	PHY 207 – Physics in Biological Science I PHY 208 – Physics in Biological Science II	ECO 201 – Principles of Economics I OR ECO 301 – Microeconomics
KY Wesleyan Coll	ENG 1301 – Writing Workshop: Exposition & Rhetoric & ENG 1302 – Writing Workshop: Composition, Investigation	BIO 2305/2205 – General Biology I & General Biology I Laboratory & BIO 2306/2206 – General Biology II & General Biology II Laboratory	BIO 3413 – Microbiology I	MATH 1402 – Introductory Calculus	MATH 1400 – Probability & Statistics	CHEM 1351 / CHEM 1251 – General Chemistry I / Lab & CHEM 1352 / CHEM 1252 – General Chemistry II / Lab	CHEM 3301 / CHEM 3201 – Organic Chemistry I / Lab & CHEM 3302 / CHEM 3202 – Organic Chemistry II / Lab	BIO 2403 – Human Anatomy & Physiology I OR BIO 3404 Vertebrate Physiology OR BIO 3408 Comparative Vertebrate Anatomy	PHYS 1401 – Introductory General Physics I & PHYS 1402 – Introductory General Physics II	ECON 2331 – Principles of Microeconomics
Lindsey Wilson C.	ENGL 1013 – English Comp. I & ENGL 1023 – English Comp. II	BIOL 2303 / BIOL 2301 – Zoology & Zoo Lab	BIOL 2103 / BIOL 2101 – Microbiology & Micro Lab	MATH 2315 – Analytic Geometry & Calculus I	MATH – 2203 Introductory Statistics	CHEM 1214 – General Chemistry I with lab & CHEM 1224 – General Chemistry II with lab	CHEM 2315 – Organic Chemistry I with lab & CHEM 2325 Organic Chemistry II with lab OR CHEM 3315 Organic Chemistry I with lab & CHEM 3325 Organic Chemistry II with lab	BIOL 2613 – Anatomy & Physiology I & Lab	PHYS 2113 / PHYS 2112 – College Physics I & Lab & PHYS 2123 / PHYS 2122 – College Physics II & Lab	ECON 2033 – Microeconomics
Midway	ENG 101	BIO 301	BIO 220 –	MA 180 –	MA 245 –	CHEM	CHEM	BIO 195	PSC 240	BA 221 –

College	– English Comp I & ENG 102 – English Comp	– General Zoology	Microbiology/Lab	Calculus I OR MA 140 – College Algebra & MA 175 – Survey of Calculus w/ App.	Probability & Statistics OR OM 319 Statistical Method & Analysis	170 / 171 – General Chemistry I / Lab & CHEM 175 / 176 – General Chemistry II / Lab	330 / 331 – Organic Chemistry I / Lab & CHEM 335 / 336 – Organic Chemistry II / Lab	/ Anatomy & Physiology I & BIO 196 – Anatomy & Physiology II	– Physics I PSC 245 – Physics II	Principles of Economics II (Micro)
Morehead State U.	ENG 100 – Writing I & ENG 200 – Writing II OR ENG 292 – Technical Composition	BIOL 210 – General Zoology	BIOL 317 – Principles of Microbiology	MATH 175 – Analytic Geometry & Calculus I OR MATH 152 – College Algebra & MATH 174 – Precalculus	MATH 353 – Statistics OR MATH 354 Business Statistics	CHEM 111 – Principles of Chemistry I & CHEM 112 – Principles of Chemistry II OR CHEM 111 & CHEM131 – Environmental Chemistry I	CHEM 326 – Organic Chemistry I & CHEM 327 – Organic Chemistry II	BIOL 231 – Human Anatomy (BIOL 234 Human Anatomy & Physiology 2008-09 school year)	PHY 201/PHY 201 A – Elementary Physics I / Lab & PHY 202 / PHY 202 A – Elementary Physics II / Lab	ECON 202 – Principles of Microeconomics
Murray State Univ	ENG 101 – Composition & ENG 102 – Composition & Research	BIO 221 – Zoology: Animal Form & Function	BIO 300 – Introductory Microbiology	MA 250 – Calculus & Analytic Geometry I	MA 135 – Introduction to Probability & Statistics	CHE 201 – General College Chemistry & CHE 202 – General College Chemistry & Qualitative Analysis	CHE 312 – Organic Chemistry I & Organic Lab & CHE 320 / CHE 325 – Organic Chemistry II & Organic Lab	BIO 227/228 – Human Anatomy /Lab	PHY 130/131 – General Physics I with lab & PHY 132/133 – General Physics II with lab	ECO 231 – Principles of Microeconomics
Northern KY Univ.	ENG 101 – College Writing & ENG 291 – Advanced College Writing OR ENG 151 – Honors Freshman Composition OR equivalent	BIO 150 / BIO 150 L – Introduction to Biology I / Bio Lab & BIO 151 / BIO 151 L – Introduction to Biology II / Bio Lab	BIO 202 / BIO 202 L – Microbiology for Health Professions / Micro Lab OR BIO 302 / BIO 302 L – General Microbiology / Micro Lab	MAT 129 – Calculus I OR MAT 121 Calculus IA AND MAT 122 Calculus IB OR MAT 109 – Algebra for College Students AND MAT 112 Calculus for Business	MAT 205 – Introduction to Statistical Methods	CHE 120 / CHE 120 L – General Chemistry I & Lab & CHE 121 / CHE 121 L – General Chemistry II & Lab	CHE 310 / CHE 310 L – Organic Chemistry I & Lab & CHE 311 / CHE 311 L – Organic Chemistry II & Lab	BIO 208 – Human Anatomy & Physiology OR BIO 425 – Mammalian Anatomy & Physiology I	PHY 211 – General Physics I & PHY 213 – General Physics II	ECO 201 – Principles of Microeconomics

	writing intensive course in your major			Applications						
Pikeville College	ENG 111 – Composition I & ENG 112 – Composition II	BIO 151 – Principles of Biology I	BIO 350 – Microbiology	MTH 121 – Calculus I	MTH – 200 Elementary Probability & Statistics	CHE 113 / CHE 115 – General Chemistry I & Chem Lab & CHE 114 / CHE 116 – General Chemistry II & Chem Lab	CHE 313 – Organic Chemistry I & CHE 315 Organic Chemistry I Lab & CHE 314 – Organic Chemistry II & CHE 316 Organic Chemistry II Lab	BIO 250 – Human Anatomy OR BIO 330 - Comparative Anatomy of the Vertebrates	PHY 223 – General Physics I & PHY 224 – General Physics II	ECN 202 – Principles of Economics II
Spalding Univ.	ENG 107 – Intro. to College Writing & One Writing Elective	BIO 101/103 Fundamentals of Biology & Lab & BIO 102/104 Fundamentals of Biology & Lab	BIO 256/257 – Introductory Microbiology & Lab	MATH 253 – Calculus I	MATH 231 – Statistical Techniques	CHEM 211/221 – Fundamental Chemistry I & Lab & CHEM 212/222 – Fundamental Chemistry II & Lab	CHEM 301/311 – Organic Chemistry I & Lab & CHEM 302/312 – Organic Chemistry II & Lab	BIO 251- Anatomy & Physiology I & Lab & BIO 252 – Anatomy & Physiology II	PHY 211/221 Fundamental Physics I & Lab & PHY 212/222 Fundamental Physics II & Lab	ECON 281 – Microeconomics
St. Catherine Coll.	ENG 101 – English Composition I & ENG 102 -English Composition II	No appropriate offering	BIO 250/250 L – Medical Microbiology & Lab	MA 201 – Calculus	MA 200 – Elementary Statistics	CHE 110/110L General College Chemistry I & Lab & CHE 112/112L General College Chemistry II & Lab	No Appropriate Offering	No appropriate offering		BUS 108 – Microeconomics
Thomas More Coll	ENG 150– Literature, Writing & Research & ENG 200+ or above – Writing or Literature	BIO 101 – General Biology I & BIO 102 – General Biology II	BIO 305 – Microbiology	MAT 143– Elements of Calculus OR MAT 123- College Mathematics & MAT 115 – Precalculus OR	MA 205 – Introductory Statistics	CHE 111/112 – General Chemistry I & Lab & CHE 113/114 – General Chemistry II & Lab	CHE 220/221 Organic Chemistry I & Lab & CHE 240/241 Organic Chemistry II & Lab	BIO 211 – Ana/Physics I & BIO 212 – Ana/Physics II OR BIO 301 – Comparative Anatomy & BIO 202 –	PHY 121 – Elements of Physics I and PHY 131 - Elements of Physics Lab & PHY 122 – Elements	ECO 105 – Principles of Economics

	elective			MAT 151 Calculus /Analytic Geometry I				General Physiology	of Physics II and PHY 132 - Elements of Physics Lab	
Transylvania Univ	FLA 1004 – Foundati ons of the Liberal Arts I & ENG 1104 – Foundati ons of the Liberal Arts II	BIO 1044 – Biological Interacti ons	BIO 3046 – Microbiolog y	MATH 1304 – Calculus I	MATH 1144 – Elementa ry Statistics	CHEM 1055 – Principles of Chemistr y I & CHEM 1065 – Principles of Chemistr y II	CHEM 2155 – Organic Chemis try I & CHEM 2165 – Organic Chemis try II	BIO 2014 – Anatomy & Physiolo gy & BIO 2104 – Anatomy & Physiolo gy II OR BIO 3016 – Vertebra te Anatomy & BIO 3065 – Animal Physiolo gy	PHYS 2115 – Universit y Physics I & PHYS 2125 – Universit y Physics II	ECON 204 – Principles of Microecono mics
Union College	ENCO 101 – Composi tion & Ancient Literatur e & HIST 110– Civilizati ons and Religion s of the Ancient World & ENCO 102 - Composi tion & Medieval & Renaissa nce Literatur e & HUMN 112 - Religion & Empire	BIOL 111 – General Biology	BIOL 334 – Microbiolog y	MATH 241 – Introduct ion to Calculus & Analytic Geometr y	BS 245 – Basic Statistics (Behavio ral Science)	CHEM 121 / General Chemistr y I & lab AND CHEM 122 General Chemistr y II & lab	CHEM 311 – Organic Chemis try I & CHEM 312 – Organic Chemis try II	BIOL 330 – Vertebra te Anatomy & Histolog y OR BIOL 331 – Human Physiolo gy	PHYS 211 / PHYS 212 – General Physics I & II PHYS 213 / PHYS 214 – General Physics I & II Labs	ECON 204 – Principles of Microecono mics
U. of Louisville	ENG 101 – Introduc tion to College Writing & ENG 102 –	BIOL 240- Unity of Life & BIOL 242 Diversity of Life &	BIOL 257/258 – Introduc ion to Microbiolog y & Microbiolog y lab OR	MATH 205 – Caculus I OR MATH 111 – College Algebra & MATH	MATH 109 – Elementa ry Statistics OR PSYC 301– Quantitat	CHEM 201/ CHEM 207/CHE M 208- General Chemistr y I &	CHEM 341 / CHEM 343 – Organic Chemis try I & Lab &	BIOL 260 Human Anatomy & Phyiolog y I & BIOL	PHYS 221 / PHYS 223 – Fundame ntals of Physics I & Lab &	ECON 201- Principles of Microecono mics

	Intermediate College Writing	BIO 244 LAB (2cr)	BIOL 357/358 – General Microbiology & General Microbiology Lab OR BIOL 485 - Bacteriology & either BIOL 258 lab OR BIOL 358 lab	180 – Elements of Calculus OR MATH 190 – Precalculus	ive Methods in Psychology OR SOC 301 – Introduction to Social Statistics	Intro Chem Analysis I (Lec/Lab) & CHEM 202/CHEM 209- General Chemistry II & Intro Chem Analysis II (Lec/Lab)	CHEM 342 / CHEM 344 – Organic Chemistry II & Lab	261 Human Anatomy & Physiology II OR BIOL 465 Principles of Physiology	PHYS 222 / PHYS 224 – Fundamentals of Physics II & Lab	
Western KY Univ.	ENG 100 – Freshman English & ENG 300 – Junior English	BIOL 120 / BIOL 121 – Biological Concepts & Bio Lab	BIOL 207 / BIOL 208 – General Microbiology & Micro Lab	MATH 120 – Elements of Calculus I Or MATH 126 – Calculus & Analytic Geometry OR MATH 116 – College Algebra & MATH 119 – Fundamentals of Calculus	MATH 203 - Statistics	CHEM 120 / CHEM 121 – College Chemistry I & Lab & CHEM 222 / CHEM 223 – College Chemistry II & Lab	CHEM 340 / CHEM 341 – Organic Chemistry I & Lab & CHEM 342 / CHEM 343 – Organic Chemistry II & Lab	BIOL 131 – Human Anatomy & Physiology OR BIOL 321 – Comparative Anatomy	PHYS 231 / PHYS 232 – Introduction to Physics & Biophysics I & Lab & PHYS 332 / PHYS 233 – Introduction to Physics & Biophysics II & Lab OR PHYS 201/207 College Physics I & Lab & PHYS 202/208 College Physics II & Lab	ECON 202 – Principles of Economics (Micro)
Ashland Community & Technical College	ENG 101 – Writ. I & ENG 102 – Writing II	BIO 152 – Principles of Biology II & BIO 151 or 153 (Labs) OR- BIO 143 - Zoology with Laboratory	BIO 226, Principles of Microbiology & BIO 209, Intro Microbiology Lab OR- BIO 227– Principles of Microbiology & Microbiology Lab *BIO 225 – Medical Microbiology plus Lab also acceptable	MT 175 – Calculus I OR MT 150 – College Algebra & MT 170– Brief Calculus with Applications	STA 291 – Statistical Method	CHE 105 – General Chemistry I & CHE 107 – General Chemistry II & CHE 115 – Chem. Lab	CHE 230/231– Organic Chemistry I / Lab & CHE 232/233- Organic Chemistry II / Lab	BIO 137– Human Ana/Phys I & BIO 139 – Human Ana/Phys II	PHY 211 – Physics I & PHY 213 – Physics II OR PHY 201 – Physics I & PHY 203 – Physics II	ECO 201 – Principles of Microeconomics
Bluegrass	ENG 101	BIO 152	BIO 226,	MA 113 –	STA 291	CHE 105	CHE	ANA 209	PHY 211	ECO 201 –

Comm. & Technical College (Lexington Community College)	– Writ. I & ENG 102 – Writing II	– Principles of Biology II & BIO 151 or 153 (Labs) OR- BIO 143 - Zoology with Laboratory	Principles of Microbiology & BIO 209, Intro Microbiology Lab OR- BIO 227– Principles of Microbiology & Microbiology Lab	Calculus I OR MA 109 – College Algebra & MA 123 – Elementary Calculus	– Statistical Method	– General Chemistry I & CHE 107 – General Chemistry II & CHE 115 – Chem. Lab	230/231- Organic Chemistry I / Lab & CHE 232/233- Organic Chemistry II / Lab	- Principles of Human Anatomy OR BIO 137– Human Ana/Physics I & BIO 139 – Human Ana/Physics II	– Physics I & PHY 213 – Physics II	Principles of Microeconomics
Elizabethtown Community College	ENG 101 – Writ. I & ENG 102 – Writing II	BIO 152 – Principles of Biology II & BIO 151 or 153 (Labs) OR- BIO 143 - Zoology with Laboratory	BIO 226, Principles of Microbiology & BIO 209, Intro Microbiology Lab OR- BIO 227– Principles of Microbiology & Microbiology Lab * BIO 225 – Medical Microbiology plus Lab also acceptable	MT 175– Calculus I OR MT 150 – College Algebra & MT 170 Brief Calculus with Applications	STA 291 – Statistical Method	CHE 105 – General Chemistry I & CHE 107 – General Chemistry II & CHE 115 – Chem. Lab	CHE 230/231- Organic Chemistry I / Lab & CHE 232/233- Organic Chemistry II / Lab	BIO 137– Human Ana/Physics I & BIO 139 – Human Ana/Physics II	PHY 211 – Physics I & PHY 213 – Physics II OR PHY 201 – Physics I & PHY 203 – Physics II	ECO 201 – Principles of Microeconomics
Hazard Community College	ENG 101 – Writ. I & ENG 102 – Writing II	BIO 152 – Principles of Biology II & BIO 151 or 153 (Labs) OR- BIO 143 - Zoology with Laboratory	BIO 226, Principles of Microbiology & BIO 209, Intro Microbiology Lab OR- BIO 227– Principles of Microbiology & Microbiology Lab	MT 175– Calculus I OR MT 150 – College Algebra & MT 170 Brief Calculus with Applications	STA 291 – Statistical Method	CHE 105 – General Chemistry I & CHE 107 – General Chemistry II & CHE 115 – Chem. Lab	CHE 230/231- Organic Chemistry I / Lab & CHE 232/233- Organic Chemistry II / Lab	BIO 137– Human Ana/Physics I & BIO 139 – Human Ana/Physics II	PHY 211 – Physics I & PHY 213 – Physics II OR PHY 201 – Physics I & PHY 203 – Physics II	ECO 201 – Principles of Microeconomics
Henderson Community College	ENG 101 – Writ. I & ENG 102 – Writing II	BIO 152 – Principles of Biology II & BIO 151 or 153 (Labs) OR- BIO 143 - Zoology with Laboratory	BIO 226, Principles of Microbiology & BIO 209, Intro Microbiology Lab OR- BIO 227– Principles of Microbiology & Microbiology Lab	MT 175– Calculus I OR MT 150 – College Algebra & MT 170 Brief Calculus with Applications	STA 291 – Statistical Method	CHE 105 – General Chemistry I & CHE 107 – General Chemistry II & CHE 115 – Chem. Lab	CHE 230/231- Organic Chemistry I / Lab & CHE 232/233- Organic Chemistry II / Lab	BIO 137– Human Ana/Physics I & BIO 139 – Human Ana/Physics II	PHY 211 – Physics I & PHY 213 – Physics II OR PHY 201 – Physics I & PHY 203 – Physics II	ECO 201 – Principles of Microeconomics

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Hopkinsville Community College	ENG 101 – Writ. I & ENG 102 – Writing II	BIO 152 – Principles of Biology II & BIO 151 or 153 (Labs) OR- BIO 143 - Zoology with Laboratory	BIO 226, Principles of Microbiology & BIO 209, Intro Microbiology Lab OR- BIO 227– Principles of Microbiology & Microbiology Lab OR BIO 225– Medical Microbiology plus Lab	MT 175– Calculus I OR MT 150 – College Algebra & MT 170 Brief Calculus with Applications	STA 291 – Statistical Method	CHE 105 – General Chemistry I & CHE 107 – General Chemistry II & CHE 115 – Chem. Lab	CHE 230/231- Organic Chemistry I / Lab & CHE 232/233- Organic Chemistry II / Lab	BIO 137– Human Ana/Physics I & BIO 139 – Human Ana/Physics II	PHY 211 – Physics I & PHY 213 – Physics II OR PHY 201 – Physics I & PHY 203 – Physics II	ECO 201 – Principles of Microeconomics
Jefferson Community College - Downtown	ENG 101 – Writ. I & ENG 102 – Writing II	BIO 152 – Principles of Biology II & BIO 151 or 153 (Labs) OR- BIO 143 - Zoology with Laboratory	BIO 227– Principles of Microbiology & Microbiology Lab *BIO 225– Medical Microbiology plus Lab also acceptable	MT 175– Calculus I OR MT 150 – College Algebra & MT 170 Brief Calculus with Applications	ST 291 – Statistical Method	CHE 105 – General Chemistry I & CHM 105 General Chemistry I lab & CHE 107 – General Chemistry II & CHM 107 General Chemistry II lab	CHE 230/231- Organic Chemistry I / Lab & CHE 232/233- Organic Chemistry II / Lab	BIO 137– Human Ana/Physics I & BIO 139 – Human Ana/Physics II	PHY 211 – Physics I & PHY 213 – Physics II	ECO 201 – Principles of Microeconomics
Jefferson Community College - Southwest	ENG 101 – Writ. I & ENG 102 – Writing II	BIO 152 – Principles of Biology II & BIO 151 or 153 (Labs) OR- BIO 143 - Zoology with Laboratory	BIO 226, Principles of Microbiology & BIO 209, Intro Microbiology Lab OR- BIO 227– Principles of Microbiology & Microbiology Lab *BIO 225 – Medical Microbiology plus Lab also acceptable	MT 175– Calculus I OR MT 150 – College Algebra & MT 170 Brief Calculus with Applications	STA 291 – Statistical Method	CHE 105 – General Chemistry I & CHE 107 – General Chemistry II & CHE 115 – Chem. Lab	CHE 230/231- Organic Chemistry I / Lab & CHE 232/233- Organic Chemistry II / Lab	BIO 137– Human Ana/Physics I & BIO 139 – Human Ana/Physics II	PHY 211 – Physics I & PHY 213 – Physics II OR PHY 201 – Physics I & PHY 203 – Physics II	ECO 201 – Principles of Microeconomics
Madisonville Community College	ENG 101 – Writ. I & ENG 102 – Writing II	BIO 152 – Principles of Biology II & BIO 151 or 153 (Labs)	BIO 226, Principles of Microbiology & BIO 209, Intro Microbiology Lab OR- BIO 227–	MT 175– Calculus I OR MT 150 – College Algebra & MT 170	STA 291 – Statistical Method	CHE 105 – General Chemistry I & CHE 107 – General Chemistry II & CHE 115	CHE 230/231- Organic Chemistry I / Lab & CHE 232/233	BIO 137– Human Ana/Physics I & BIO 139 – Human Ana/Physics II	PHY 211 – Physics I & PHY 213 – Physics II OR PHY 201 – Physics I & PHY	ECO 201 – Principles of Microeconomics

		OR-BIO 143 - Zoology with Laboratory	Principles of Microbiology & Microbiology Lab	Brief Calculus with Applications		- Chem. Lab	3- Organic Chemistry II / Lab		203 – Physics II	
Maysville Community College	ENG 101 – Writ. I & ENG 102 – Writing II	BIO 152 – Principles of Biology II & BIO 151 or 153 (Labs) OR- BIO 143 - Zoology with Laboratory	BIO 226, Principles of Microbiology & BIO 209, Intro Microbiology Lab OR- BIO 227– Principles of Microbiology & Microbiology Lab	MT 175– Calculus I OR MT 150 – College Algebra & MT 170 Brief Calculus with Applications	STA 291 – Statistical Method	CHE 105 – General Chemistry I & CHE 107 – General Chemistry II & CHE 115 – Chem. Lab	CHE 230/231- Organic Chemistry I / Lab & CHE 232/233- Organic Chemistry II / Lab	BIO 137– Human Ana/Physics I & BIO 139 – Human Ana/Physics II	PHY 211 – Physics I & PHY 213 – Physics II OR PHY 201 – Physics I & PHY 203 – Physics II	ECO 201 – Principles of Microeconomics
Owensboro Community College	ENG 101 – Writ. I & ENG 102 – Writing II	BIO 152 – Principles of Biology II & BIO 151 or 153 (Labs) OR- BIO 143 - Zoology with Laboratory	BIO 226, Principles of Microbiology & BIO 209, Intro Microbiology Lab OR- BIO 227– Principles of Microbiology & Microbiology Lab	MT 175– Calculus I OR MT 150 – College Algebra & MT 170 Brief Calculus with Applications	STA 291 – Statistical Method	CHE 105 – General Chemistry I & Lab & CHE 107 – General Chemistry II & Lab	CHE 230/231- Organic Chemistry I / Lab & CHE 232/233- Organic Chemistry II / Lab	BIO 137– Human Ana/Physics I & BIO 139 – Human Ana/Physics II	PHY 211 – Physics I & PHY 213 – Physics II OR PHY 201 – Physics I & PHY 203 – Physics II	ECO 201 – Principles of Microeconomics
Prestonsburg Community College	ENG 101 – Writ. I & ENG 102 – Writing II	BIO 152 – Principles of Biology II & BIO 151 or 153 (Labs) OR- BIO 143 - Zoology with Laboratory	BIO 226, Principles of Microbiology & BIO 209, Intro Microbiology Lab OR- BIO 227– Principles of Microbiology & Microbiology Lab	MT 175– Calculus I OR MT 150 – College Algebra & MT 170 Brief Calculus with Applications	STA 291 – Statistical Method	CHE 105 – General Chemistry I & CHE 107 – General Chemistry II & CHE 115 – Chem. Lab	CHE 230/231- Organic Chemistry I / Lab & CHE 232/233- Organic Chemistry II / Lab	BIO 137– Human Ana/Physics I & BIO 139 – Human Ana/Physics II	PHY 211 – Physics I & PHY 213 – Physics II OR PHY 201 – Physics I & PHY 203 – Physics II	ECO 201 – Principles of Microeconomics
Somerset Community College	ENG 101 – Writ. I & ENG 102 – Writing II	BIO 152 – Principles of Biology II & BIO 151 or 153 (Labs) OR- BIO 143 - Zoology with Laboratory	BIO 226, Principles of Microbiology & BIO 209, Intro Microbiology Lab OR- BIO 227– Principles of Microbiology & Microbiology Lab	MT 175– Calculus I OR MT 150 – College Algebra & MT 170 Brief Calculus with Applications	STA 291 – Statistical Method	CHE 105/CHM 105 – General Chemistry I/Lab & CHE 107/CHM 107 – General Chemistry II/Lab & CHE 115 – Chem. Lab	CHE 230/231- Organic Chemistry I / Lab & CHE 232/233- Organic Chemistry II / Lab	BIO 137– Human Ana/Physics I & BIO 139 – Human Ana/Physics II	PHY 211 – Physics I & PHY 213 – Physics II	ECO 201 – Principles of Microeconomics

Southeast Community College	ENG 101 – Writ. I & ENG 102 – Writing II	BIO 152 – Principles of Biology II & BIO 151 or 153 (Labs) OR- BIO 143 - Zoology with Laboratory	BIO 226, Principles of Microbiology & BIO 209, Intro Microbiology Lab OR- BIO 227– Principles of Microbiology & Microbiology Lab	MT 175– Calculus I OR MT 150 – College Algebra & MT 170 Brief Calculus with Applications	STA 291 – Statistical Method	CHE 105 – General Chemistry I & Lab & CHE 107 – General Chemistry II & Lab	CHE 230/231- Organic Chemistry I / Lab & CHE 232/233- Organic Chemistry II / Lab	BIO 137– Human Ana/Physics I & BIO 139 – Human Ana/Physics II	PHY 211 – Physics I & PHY 213 – Physics II OR PHY 201 – Physics I & PHY 203 – Physics II	ECO 201 – Principles of Microeconomics
West Kentucky Community & Technical College (formerly Paducah Comm. Coll.)	ENG 101- Writing I & ENG 102- Writing II	BIO 152- Principles of Biology II & BIO 151 or 153 (labs) OR BIO 143 Zoology with Laboratory	BIO 226, Principles of Microbiology & BIO 209, Intro Microbiology Lab OR- BIO 227– Principles of Microbiology & Microbiology Lab OR- BIO 225 – Medical Microbiology plus Lab	MT 175– Calculus I OR MT 150 – College Algebra & MT 170 Brief Calculus with Applications	STA 291 – Statistical Method OR ST 291	CHE 105 – General Chemistry I & CHM 105 General Chemistry I lab & CHE 107 – General Chemistry II & CHM 107 General Chemistry II lab	CHE 230/231- Organic Chemistry I / Lab & CHE 232/233- Organic Chemistry II /Lab	BIO 137– Human Ana/Physics I & BIO 139 – Human Ana/Physics II	PHY 211 – Physics I & PHY 213 – Physics II OR PHY 201 – Physics I & PHY 203 – Physics II	ECO 201 – Principles of Microeconomics

* **Notes on English requirement:** Effective Fall 2004, all incoming freshmen and transfer students to the University of Kentucky must take ENG 104, a first-year, 4-credit hour writing course, and ENG 200+, an approved 200-level, 3-credit hour English course taken after achieving sophomore status. For students enrolled at UK PRIOR to Fall 2004 or for non-UK students applying DIRECTLY to the UK Doctor of Pharmacy program and NOT to the University of Kentucky, ENG 101 and ENG 102 (or equivalent) will meet our two semester English requirement. For questions about this requirement, contact the Pre-Pharmacy Advisor at 859-323-2755. updated 3/2008