

**BACHELOR OF SCIENCE
GRADUATION REQUIREMENT IN
SCIENCE, MATHEMATICS AND
TECHNOLOGY**

Students with a Bachelor of Science (B.S.) degree must have one additional science, mathematics, statistics, and/or technology course (beyond the General Education requirements) which must meet three criteria: (a) courses must be three semester hours or greater; (b) courses must list specific prerequisites from General Education courses in mathematics and/or science, approved natural science alternative courses, or courses in the quantitative reasoning category; and (c) course content must be mathematical, scientific, and/or technological, and must constitute a significant extension of the General Education courses that count as prerequisites.

The courses on the following list meet the graduation requirement for Science, Mathematics and Technology.

AGR 157 Soil Science
 AGR 203 Agriculture and the Environment*
 AGR 271 Foods of Animal Origin
 AGR 282 Anatomy and Physiology of Livestock and Companion Animals
 AGR 315 Financial Management and Analysis of the Agribusiness Firm
 AGR 363 Agricultural Statistics
 BSC 145 Human Biology*
 BSC 160 Microbiology and Society*
 BSC 170 Genetics and Society*
 BSC 201 Ecology
 BSC 202 Human Ecology*
 BSC 211 Economic Botany
 BSC 219 Genetics
 BSC 223 Ecology and Conservation of Plants
 BSC 292 Invertebrate Zoology
 BSC 295 Comparative Vertebrate Anatomy
 BSC 333 Plant Diversity
 CHE 141 General Chemistry II
 CHE 204 Chemistry of Life*
 CHE 220 Elementary Organic Chemistry
 CHE 230/231 Organic Chemistry I/Organic Chemistry Laboratory
 ECO 138 Economic Reasoning Using

Statistics*
 ECO 238 Using Regression and Econometric Methods
 FIL 240 Business Finance
 GEO 138 Maps and Geographic Reasoning*
 GEO 202 Evolution of the Earth*
 GEO 207 Natural Disasters*
 GEO 211 Earth's Dynamic Weather*
 GEO 280 Mineralogy
 HSC 201 Pathophysiology I
 IT 115 Reasoning About Complex Systems*
 IT 165 Computer Programming for Scientists
 KNR 282 Biomechanics of Human Movement
 MAT 121 Applied Calculus*
 MAT 146 Calculus II*
 MAT 147 Calculus III
 MAT 160 Elementary Discrete Mathematics
 MAT 175 Elementary Linear Algebra
 MQM 100 Statistical Reasoning*
 MQM 227 Operations Management
 PHI 112 Language, Logic and Mathematics*
 PHY 109 College Physics II
 PHY 111 Physics for Science and Engineering II
 PHY 117 Numerical Reasoning in Nature and Technology*
 PHY 205 Origin of the Universe*
 PHY 206 Chaos and Complexity*
 PHY 207 Energy and the Environment*
 POL 138 Quantitative Reasoning in Political Science*
 PSY 138 Reasoning in Psychology Using Statistics*
 PSY 340 Statistics for the Social Sciences
 SOC 275 Social Statistics
 TEC 111 Fundamentals of Power Technology
 TEC 143 Introduction to Electronics for Data Communication
 TEC 313 Quality Systems for Technology

* Courses also approved for General Education