List of Minors, Certificates and Common Duals

Typically, there are approximately 40 hours (±) required by each college you major in, 40 hours (±) for each major, and 40 hours (±) electives. The University requires 45 hours of 300 level or above. 28 of these hours are met by a math degree, you can pick up the other 17 by pursuing a dual or minor or certificate program. Having focused your electives on an additional program looks really good to future employers and is encouraged by the ASMATH program. If you are math only and pursuing a pre-graduate track, additional math courses can make up the 17 required electives of 300 level or above.

BIE/BMATH
BIE  Bachelor - Industrial Engineering
RAGTM  Minor - Agricultural Technology Management
RMANS  Minor - Manufacturing Systems

BAGECQU/BMATH
BAGEC  Bachelor - Agricultural Economics
BAGECFM  Bachelor - Agricultural Economics-Farm Management
BAGECQU  Bachelor - Agricultural Economics-Quantitative Option
RAGRE  Minor - Agricultural Economics

BECON/BMATH
BECON-BS  BS - Economics
RECOC  Minor – Economics
BECON-BSBE  BS - Economics-Business Economics
BECON-BSEA  BS - Economics-Economic Analyst
BECON-BSEP  BS - Economics-Economic Policy
BECON-BSFE  BS - Economics-Financial Economics

BME/BMATH
BME  Bachelor - Mechanical Engineering

BMENE/MATH
BMENE  Bachelor - Mechanical Engineering-Nuclear Engineering Option
RNUEN  Minor - Nuclear Engineering

RLEST  Minor - Leadership Studies
RGWSS  Minor - Gender, Women, and Sexuality Studies
RAEST  Minor - American Ethnic Studies
RAFRIS  Minor - African Studies

BBIOL/BMATH
BBIOL-BS  BS - Biology
RBIOG  Minor – Biology

BBIOCH/BMATH
BBIOCH-BS  BS - Biochemistry
BBIOCHBSMD  BS - Biochemistry-Medical
BCLSMT-BS  BS - Clinical Laboratory Science-Medical Technology
BPHILOBSMD  BS - Philosophy - Pre-Medical

BBSE/BMATH
BBSE  Bachelor - Biological Systems Engineering
BBSEBI  Bachelor-Biological Systems Engg-Biological
BBSEEV  Bachelor-Biological Systems Engineering-Environmental
BBSEMA  Bachelor-Biological Systems Engineering-Machine Systems
BBME/BMATH
BBME Bachelor - Biomedical Engineering
RBIOG Minor - Biology

CHM/BMATH
BCHM-BS BS - Chemistry
RCHMS Minor – Chemistry

BCS/BMATH
BCS Bachelor - Computer Science
BCSCS Bachelor - Computer Science-Option
BCSCY Bachelor - Cybersecurity-Option
BCSENC Bachelor - Entrepreneurship-Option
BCSSS Bachelor - Software Engineering-Option
RCOMP Minor - Computer Science

BCMPEN/BMATH
BCMPEN Bachelor - Computer Engineering Major

BCHE/BMATH
BCHE Bachelor - Chemical Engineering Major
RCHMS Minor – Chemistry

BCE/BMATH
BCE Bachelor - Civil Engineering Major
BCECN Bachelor - Civil Enggr-Construction Engineering Option
BCEEV Bachelor - Civil Engineering-Environmental
BCEST Bachelor - Civil Engineering-Structures Option
BCETR Bachelor - Civil Engineering-Transportation/Materials
RAVSAF Minor - Aviation Safety
RMATH Minor – Mathematics

BEE/BMATH
BEE Bachelor - Electrical Engineering

BENG/BMATH
BENG BA - English
RENGS Minor - English
CCASPT Certificate Study Through Primary Texts-Undergraduate: original literature (A&S)
RCLSCS Minor - Classical Studies

BMCBSJM/MATH
BMCBSJM BS - Mass Communication-Journalism
UPJMC Undergraduate - Pre-Journalism and Mass Communication
RJNMC Minor - Journalism and Mass Communication
RCOMM Minor - Communication Studies
BSTATDS-BS BS - Statistics and Data Science

BPHILO/BMATH
BPHILO-BS BS - Philosophy
RPHIL Minor - Philosophy

BPHYS/ BMATH
BPHYS-BS BS - Physics
RPHYC Minor - Physics
REGPHY Minor - Environmental Geophysics
RGLGY Minor – Geology
BGEOL-BS BS – Geology
BGEOLBSPG Bachelor of Science-Geology - Petroleum Geosciences
GEOLBSEG Bachelor of Science-Geology - Environmental Geosciences

BMATH/PreGrad Math (PreLaw)
RHSTY  Minor – History
BHIST-BS  BS - History
RPOSC  Minor - Political Science
RCOPL  Minor - Community Planning
BCOMMBSLG  Bachelor-CommStudies-Legal Communication
BCOMMBSPC  Bachelor-Communication Studies-Political Communication
BPHILOBSPL  BS - Philosophy-Pre-Law
BPOLSCBSLW  BS - Political Science - The Law

BGEORG/BMATH - Applied Math
BGEOG-BS  BS - Geography
RGGEO  Minor - Geography
CGISYS  Certificate Geographic Information Systems-Undergraduate (A&S)

RJAZZ  Minor - Jazz
RDANC  Minor - Dance
RTHEA  Minor - Theatre
RMUSI  Minor – Music

BARE/BMATH
BARE  Bachelor - Architectural Engineering
RART  Minor - Art

BFINAN/BMATH Actuarial
BFINAN  Bachelor – Finance
BFINANFA  Bachelor - Finance-Financial Analyst
BFINANFM  Bachelor - Finance-Financial Management
RBUSI  Minor – Business
BFINANFS  Bachelor - Finance-Financial Services
CIRMGT  Certificate Integrated Risk Management-Undergraduate
BECON-BSFE  BS - Economics-Financial Economics

BFINAN/BMATH Applied
BFINAN  Bachelor - Finance
RENTRP  Minor - Entrepreneurship
RAGRBD  Minor – Agribusiness
RFINCO  Minor - Financial Counseling
RPFPP  Minor - Personal Financial Planning

BSTAT/BMATH Applied
BSTAT-BS  BS - Statistics
BSTATDS-BS  BS - Statistics and Data Science
RSTAS  Minor - Statistics
BiS  Bachelor - Information Systems
BMIS  Bachelor - Management Information Systems
Certificate - College of Business Data Analytics via Global Campus

BCNSM  Bachelor - Construction Science and Management
BMATH/Applied Math

RMATH  Minor - Mathematics (Alumni have told us that taking additional math helped land their first interviews)
UDUAL  If you are a DUAL major in two different colleges, applying for the UDUAL can reduce your A&S requirements by up to 16 credit hours if planned in advance

Modern Languages
REASIA  Minor - East Asian Studies
RSASIA  Minor - South Asian Studies
RCHINE  Minor – Chinese
RFREN  Minor – French
RGERM  Minor – German
RJAPN  Minor – Japanese
RRUSS  Minor – Russian
RSPAN  Minor - Spanish

K-State Flying Club

BAWSSP  Bachelor - Airway Science-Professional Pilot
BETB  Bachelor - Engineering Technology
RAVSAF  Minor - Aviation Safety
RAERO  Minor - Aerospace Studies (Air Force ROTC)
BATNAP  Bachelor-Aeronautical Technology-Airport Management [Salina]
CAPMNF  Certificate Applied Manufacturing-Undergraduate
CAVETC  Certificate Aviation Electronics Technology-Undergraduate
CCOMRC  Certificate Composite Repair-Undergraduate

BATN  Bachelor - Aeronautical Technology / BMATH-BS
BATNAM  Bachelor-Aeronautical Technology-Aviation Maintenance Management [Salina]

Military Science (Army and Air Force ROTC)
RUAS  Minor - Unmanned Aircraft Systems -- Unmanned Aerial Systems Operations (Salina)

CEQSC  Certificate Equine Science-Undergraduate
RENTO  Minor – Entomology
RPLPA  Minor - Plant Pathology