# K-State 8 Matrix for Engineering

## Academic Plan

| K-State 8 Tag | ARE | ATM | BME | BSE | CHE | CE | CMPEN | CS | CNSM | CYS | EE | ENVE | IE | ME |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Aesthetic Experience and Interpretive Understanding | ART 190 | Elective | Elective | Elective | Elective | Elective | Elective | Elective | CNS 110 | Elective | Elective | Elective | Elective | Elective |
| Empirical and Quantitative Reasoning | MATH 220 | MATH 205 | MATH 220 | MATH 220 | MATH 220 | MATH 220 | MATH 220 | MATH 220 | MATH 205 | MATH 220 | MATH 220 | MATH 220 | MATH 220 | MATH 220 |
| Ethical Reasoning and Responsibility | ARE 460 | ATM 536 | BME 590 | BAE 536 | CHE 571 | DEN 325 | ECE 590 | CIS 415 | CNS 542 | CIS 415 | ECE 590 | ENVE 536 | IMSE 201 | ME 574 |
| Global Issues and Perspectives | ECON 110 | ECON 110 | ECON 110 | ECON 110 | ECON 110 | ECON 110 | ECON 110 | ECON 110 | ECON 110 | ECON 110 | ECON 110 | ECON 110 | ECON 110 | ECON 110 |
| Historical Perspectives | CNS 110 | Elective | BME 200 | Elective | Elective | GEOL 100 | Elective | Elective | CNS 110 | Elective | Elective | Elective | Elective | Elective |
| Human Diversity within the U.S. | Elective | Elective | BME 200 | Elective | Elective | Elective | Elective | Elective | Elective | SOCIO 211 | Elective | Elective | IMSE 623 | Elective |
| Natural and Physical Sciences | CHM 210 | CHM 210 | CHM 210 | CHM 210 | CHM 210 | CHM 210 | CHM 210 | Nat Sci Elective | PHYS 113 | Nat Sci Elective | CHM 210 | CHM 210 | CHM 210 | CHM 210 |
| Social Sciences | ECON 110 | ECON 110 | ECON 110 | ECON 110 | ECON 110 | ECON 110 | ECON 110 | ECON 110 | ECON 110 | ECON 110 | ECON 110 | ECON 110 | ECON 110 | ECON 110 |

* Electives, in most cases, must be from the approved Humanities/Social Science List in order to satisfy the K-State 8 General Education requirements.

This shows the courses a student would have to take to meet the new K-State 8 General education requirement by department. It is based on current curricula for each department.

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