

BS in Surveying and Mapping Curriculum

| KENNESAW STATE UNIVERSITY | | | |
|------------------------------------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------------------------|-----------------|
| B.S. in Surveying and Mapping (122 hours) | | | |
| Academic Catalog 2017-2018 | | | |
| Applies to Students entering program in <i>Fall 2017, Spring 2018, Summer 2018</i> | | | |
| <i>(Revised 6/21/17)</i> | | | |
| Name _____ | | Phone _____ | |
| Address _____ | | Student ID _____ | |
| UNIVERSITY CORE | | MAJOR CORE | |
| Area A: Essential Skills (9 hours) | | REQUIRED COURSES (53 hours) | |
| Area A1 - ENGL 1101 | 3 _____ | ENVS 2202K Introduction to Environmental Science | 4 _____ |
| Area A1 - ENGL 1102 | 3 _____ | CE 1000 Orientation to Eng and SURV Professions | 1 _____ |
| Area A2 - MATH 1112/MATH 1113 | 3 _____ | EDG 2160 Civil Graphics & Computer Aided Graphing | 3 _____ |
| | | GEOG 3305 Introduction to Cartographic Processes | 3 _____ |
| Area B: Institutional Option (5 hours) | | SURV 3222 Surveying II | 4 _____ |
| Area B1 - ECON 1000 | 2 _____ | SURV 3320 Photogrammetry & Remote Sensing | 3 _____ |
| Area B2 - COM 1100 (Recommended) | 3 _____ | SURV 3421 Geographic Information Systems I or GEOG 3315 Intro. to Geographic Information Systems | 3 _____ |
| Area C: Humanities/Fine Art. (6 hours) | | SURV 3451 Terrain Analysis | 3 _____ |
| Area C1 - English Literature | 3 _____ | SURV 3500 Applied Hydraulics & Hydrology | 4 _____ |
| Area C2 - Art and Culture | 3 _____ | SURV 4110 Geographical Sciences Practicum | 3 _____ |
| | | SURV 4415 Geodetic Surveying | 4 _____ |
| Area D: Science, Math, Technology (10 hours) | | SURV 4420 Remote Sensing | 4 _____ |
| Area D1 - MATH 1190 | 4 _____ | SURV 4410 Computations & Adjustments | 4 _____ |
| Area D2 - PHYS 1111 & PHYS 1111L | 4 _____ | SURV 4465 Legal Aspects of Land Surveying | 4 _____ |
| Area D2 - PHYS 1112 & PHYS 1112L | 4 _____ | SURV 4470 Land Development Design | 3 _____ |
| | | SURV 4475 Land Surveying Practice | 2 _____ |
| Area E: Social Sciences (12 hours) | | Excess from Area D | 1 _____ |
| Area E1 - US Government | 3 _____ | | |
| Area E2 - US History | 3 _____ | Free Elective | (3 hours) |
| Area E3 - World History | 3 _____ | | |
| Area E4 - STS 1101 (Recommended) | 3 _____ | Upper Level Electives (6 hr min.) | (6 hours) |
| | | SURV 3XXX/SURV 4XXX level courses | 3 _____ |
| Area F: Core Related to Major (18 hours) | | MATH 3206 Linear Algebra I | 3 _____ |
| Excess from Area D | 1 _____ | CE 3XXX/ 4XXX Elective (Advisor Approval Needed) | 3 _____ |
| STAT 1107 | 3 _____ | CM 3XXX/4XXX Elective (Advisor Approval Needed) | 3 _____ |
| TCOM 2010 | 3 _____ | MGT 3XXX/4XXX Elective (Advisor Approval Needed) | 3 _____ |
| MATH 2202 | 4 _____ | ENVS 3XXX/4XXX Elective (Advisor Approval Needed) | 3 _____ |
| GEOG 1101 | 3 _____ | SCI 3XXX/4XXX Elective (Advisor Approval Needed) | 3 _____ |
| SURV 2221 Survey I | 3 _____ | *GEOG 3XXX/4XXX Elective (Advisor Approval Needed) | 6 _____ |
| SURV 2221 Survey I Lab | 1 _____ | | |
| | | * = GIS Certificate with 6 hours (See Dr. Roberts for details). | |
| TOTAL UNIVERSITY CORE: | 60 hours | TOTAL MAJOR CORE : | 62 hours |

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| <u>Area A1</u> | | |
| ENGL | 1101 | Composition I |
| ENGL | 1102 | Composition II |
| <u>Area A2</u> | | |
| MATH | 1101 | Introduction to Mathematical Modeling |
| MATH | 1111 | College Algebra |
| MATH | 1112 | College Trigonometry |
| MATH | 1113 | Pre-Calculus |
| MATH | 1190 | Calculus I |
| <i>Note A2: STEM major take MATH 1112, MATH 1113 or MATH 1190</i> | | |
| <u>Area B1</u> | | |
| ECON | 1000 | Contemporary Economic Issues |
| <u>Area B2</u> | | |
| AADS | 1102 | Issues in African and African Diaspora Studies |
| AMST | 1102 | American Identities |
| ASIA | 1102 | Introduction to Asian Cultures |
| COM | 1100 | Human Communication (Recommended) |
| FL | 1002 | Introduction to Foreign Language II course |
| GWST | 1102 | Love and Sex |
| LALS | 1102 | Understanding Latin America |
| PAX | 1102 | Understanding Peace and Conflict |
| PHIL | 2200 | Ways of Knowing |
| RELS | 1102 | Understanding Religious Studies |
| <u>Area C1</u> | | |
| ENGL | 2110 | World Literature |
| ENGL | 2111 | Early World Literature |
| ENGL | 2112 | World Literature mid 1600s to Present |
| ENGL | 2120 | British Literature |
| ENGL | 2121 | Early British Literature |
| ENGL | 2122 | British Literature late 1700s to Present |
| ENGL | 2130 | American Literature |
| ENGL | 2131 | Early American Literature |
| ENGL | 2132 | American Literature mid 1800s to Present |
| ENGL | 2300 | African-American Literature |
| <u>Area C2</u> | | |
| ART | 1107 | Art in Society |
| DANC | 1107 | Dance in Society |
| MUSI | 1107 | Music in Society |
| TPS | 1107 | Theatre in Society |
| <u>Area E1</u> | | |
| POLS | 1101 | American Government |
| <u>Area E2</u> | | |
| HIST | 2111 | U.S. History to 1877 |
| HIST | 2112 | U.S. History since 1877 |
| <u>Area E3</u> | | |
| HIST | 1100 | Introduction to World History |
| HIST | 1111 | Pre-Modern World History |
| HIST | 1112 | Modern World History |
| <u>Area E4</u> | | |
| CRJU | 1101 | Foundations of Criminal Justice |
| CRJU | 1101 | Foundations of Criminal Justice |
| GEOG | 1101 | Introduction to Human Geography |
| PSYC | 1101 | Introduction to General Psychology |
| SOCI | 1101 | Introduction to Sociology |
| STS | 1101 | Science, Technology, and Society (Recommended) |
| ANTH | 1102 | Introduction to Anthropology |
| ECON | 2100 | Principles of Microeconomics |