

Plan of Study for B.S. Degree in ESA

Name: _____ ID# _____ Grad Term: _____ First Term Enrolled: _____
 Prior Degrees: _____ Date(s) Received: _____ ce/Required Upper Level GISC _____

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| Please see an advisor. | | | | |
| ENGL 1101 | 3 | | GISC 2337K - Math. Methods for Geospatial Sci & Tech | 3 |
| ENGL 1102 | 3 | | ENVE 2771K - Graphics & Info. Visualization | 4 |
| Area A2: MATH 1111 or higher | 3 | | ESCI 3001K - Land Use and Conservation | 3 |
| | 3 | | GISC 3011K - Cartography | 3 |
| MATH 1450 Suggested | | | GISC 3012K - Global Navigation Satellite Systems | 3 |
| Area B: Institutional Options | 7 | | GISC 3200K - Python Programming | 3 |
| | 4 | | GISC 4011K - Data Acquisition | 3 |
| | 3 | | GISC 4350K - Remote Sensing | 3 |
| | | | GISC 4470K - Spatial Analysis | 3 |
| Area C: Humanities/Fine Arts | 6 | | Directed Electives: | 15 |
| | 3 | | Please see an advisor. | |
| | 3 | | Select additional 3000/4000 level courses from | |
| Area D: Science/Math/Tech. | 11 | | ENVE, ENST, ESCI, GEOG, GEOL, GISC and SCTS | |
| Science Lab Course 1 | 3/1 | | | |
| Science Lab Course 2 | 3/1 | | | |
| GISC 2011/L Suggested | 2/1 | | Minor at least 15 hours (see Minor advisor) | |
| | | | Minor Optional | |
| Area E: Social Sciences | 9 | | | |
| POLS 1101, HIST 2111 OR HIST 2112 | 3 | | | |
| PSYC 1101, SOCI 1101, ANTH 1102, ECON 2105 | 3 | | | |
| ENST 2030, GEOG 1101 OR 1102 HIST 1111 OR 2111 OR 2112 POLS 1101 OR 2301 OR 2401 | 3 | | | |
| Area F: Courses Appropriate to the Major | 18 | | Free Electives - To Bring Total Credits to 120 Hours | |
| ENVE 1103 - Introduction to Environmental Professions | 3 | | | |
| GISC 2021K - Geospatial Science & Technology 1 | 4 | | | |
| GISC 2022K - Geospatial Science & Technology 2 | 4 | | | |

GISC 2011/L and ENST 2030 should be completed in the core curriculum or as electives.

Signature: Advisor

Date:

Signature of MINOR advisor

Date:

Signature: Director of IESA, Dr. Jeff Turk

Date

Student Signature

Date:

Elective List AREA F

GISC 2011/L - Intro. to GIS

GISC 2337K - Mathematical Methods for Geospatial Science and Technology

BIOL 1102/L - Introduction to Ecology

CHEM 2734/L - Analytical Chemistry

ENST 2030 - Environmental Studies

ESCI 2221K - Fundamentals of Environmental Science 1

ESCI 2222K - Fundamentals of Environmental Science 2

GEOG 1101 - Introduction to Human Geography

GEOG 1102 - World Regional Geography

GEOG 1111K - Physical Geography

GEOG 1112/L - Introduction to Weather and Climate

GEOG/GEOL 1113K - Introduction to Oceanography

GEOL 1121K - Physical Geology

GEOL 1122K - Historical Geology

MATH 1450 - Calculus I

MATH 2400 - Statistics

MATH 2460 - Calculus 2

SCTS 2200 - Introduction to Space Studies

Or other elective approved by advisor