Bachelor of Science in Environmental Sciences:   
Major in Earth Observation Geographic Information Science (2025-26 calendar)

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Student # \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# Required Courses (12.5 credits):

* BIOL\*1070
* CHEM\*1040
* ENVS\*1030
* MATH\*1080
* BIOL\*1090
* CHEM\*1050
* FARE\*1040
* GEOG\*1300
* CIS\*1300
* GEOG\*2000
* GEOG\*2420
* GEOG\*2460
* GEOG\*2110
* GEOG\*2210
* GEOG\*2480
* GEOG\*3000
* GEOG\*3480
* GEOG\*3420
* GEOG\*3610
* ENVS\*4001
* GEOG\*4480
* ENVS\*4002

# Restricted Electives (5.0 credits):

**List A: PHYSICS AND COMPUTATION** (1.0 credits)

0.5 credit \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

0.5 credit \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**List B: PHYSICAL GEOGRAPHY & EARTH SCIENCES** (1.5 credits)

0.5 credit \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

0.5 credit \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

0.5 credit \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**List C: DATA, ANALYTICS & DECISION-MAKING** (1.5 credits)

0.5 credit \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

0.5 credit \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

0.5 credit \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**LIST D: ADVANCED RESEARCH & REAL-WORLD APPLICATIONS** (1.0 credits)

0.5 credit \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

0.5 credit \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# Free Electives (2.5 credits):

0.5 credit \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

0.5 credit \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

0.5 credit \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

0.5 credit \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

0.5 credit \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

## Other B.Sc.(Env.) Program Requirements:

1. A minimum of 20.0 academic credits is required to graduate
2. A minimum of 6 credits must be at the 3000 level or above
3. No more than 7 credits may be at the 1000 level
4. A cumulative average of at least 60% is required to graduate
5. The co-op program also requires COOP 1100 and 4 co-op work terms