“Excellence in Science, Technology and Environmental Sustainability”

FACULTY OF SCIENCE AND NATURAL RESOURCES

BACHELOR OF SCIENCE WITH HONORS

BPKP CODE PROGRAMME OFFERED
HS11 Environmental Science

For further inquiries, please contact:

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<table>
<thead>
<tr>
<th>Course Structure Session 2015/2016</th>
<th>UNIVERSITY CORE (PROMOTIONAL OF KNOWLEDGE (12 CREDIT HOURS))</th>
<th>UNIVERSITY CORE LANGUAGE (8 CREDIT HOURS)</th>
<th>UNIVERSITY CORE CO-CURRICULUM (3 CREDIT HOURS)</th>
<th>FACULTY CORE (12 CREDIT HOURS)</th>
<th>PROGRAMME CORE (70 CREDIT HOURS)</th>
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<tbody>
<tr>
<td>Year 1</td>
<td>UW00202 TITAS, UE00X02, UK00X02, Soft Skill I, II (6 credit hours)</td>
<td>UB00102 Bi1 or UB00402, UB00502, UB00602, Bi4 (2 credit hours)</td>
<td>EK/EA/ES/EB/EW/ER0XX03 or ED/EU/EP/EJ10101 (3/1 credit hours)</td>
<td>ST00402 Basic Biology, ST00302 Earth Science And Planetary (4 credit hours)</td>
<td>SS10102 Basics for Environmental Science, SS10303 Environmental Health (5 credit hours)</td>
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<tr>
<td>Semester 1</td>
<td>UW00102 Ethnic Relation (HE), UE00X02 Soft Skill I (4 credit hours)</td>
<td>UB00202 Bi2 or UB00302, Bi3 or UX00202, BA1, BA2 (2 credit hours)</td>
<td>ED/EU/EP/EJ10201 (0/1 credit hours)</td>
<td>ST00202 Basic Statistic, ST00602 Basic Physic (4 credit hours)</td>
<td>SS10203 Energy Resources, SS10403 Environmental Soil Science (6 credit hours)</td>
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<tr>
<td>Semester 2</td>
<td>UW00302 Introduction to Entrepreneurship (2 credit hours)</td>
<td>UB00402/ UB00502, Bi4 or UX00302, BA3 (2 credit hours)</td>
<td>ED/EU/EP/EJ20101 (0/1 credit hours)</td>
<td>ST00502 Basic Chemistry (2 credit hours)</td>
<td>SS20603 Environmental Resources, SS20702 Meteorology and Climate Change</td>
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<tr>
<td>Semester 3</td>
<td></td>
<td></td>
<td>ED/EU/EP/EJ20201 (0/1 credit hours)</td>
<td>ST00902 Scientific Writing (2 credit hours)</td>
<td>SS20803 Environmental Laws, SS20903 Environmental Statistics (11 credit hours)</td>
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<td>Semester 4</td>
<td></td>
<td></td>
<td>ED/EU/EP/EJ30101 (0/1 credit hours)</td>
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<td>SS20103 Environmental Physics And Remote Sensing, SS20403 Water Quality Analysis</td>
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<tr>
<td>Semester 5</td>
<td></td>
<td></td>
<td>ED/EU/EP/EJ30201 (0/1 credit hours)</td>
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<td>SS20503 Environmental Hydrology, SS20903 Air Quality and Noise Analysis</td>
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<tr>
<td>Semester 6</td>
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<td>SS30031 Environmental Chemistry and Chemodynamics (15 credit hours)</td>
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</tbody>
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**UNIVERSITY CORE (PROMOTIONAL OF KNOWLEDGE (12 CREDIT HOURS))**
- UW00202 TITAS
- UE00X02
- UK00X02
- Soft Skill I, II

**UNIVERSITY CORE LANGUAGE (8 CREDIT HOURS)**
- UB00102 Bi1 or UB00402, UB00502, UB00602, Bi4

**UNIVERSITY CORE CO-CURRICULUM (3 CREDIT HOURS)**
- EK/EA/ES/EB/EW/ER0XX03 or ED/EU/EP/EJ10101 (3/1 credit hours)

**FACULTY CORE (12 CREDIT HOURS)**
- ST00402 Basic Biology
- ST00302 Earth Science And Planetary (4 credit hours)

**PROGRAMME CORE (70 CREDIT HOURS)**
- SS10102 Basics for Environmental Science
- SS10203 Energy Resources
- SS20603 Environmental Resources
- SS20702 Meteorology and Climate Change
- SS20803 Environmental Laws
- SS20903 Environmental Statistics
- SS20103 Environmental Physics And Remote Sensing
- SS20403 Water Quality Analysis
- SS20503 Environmental Hydrology
- SS20903 Air Quality and Noise Analysis
- SS30031 Environmental Chemistry and Chemodynamics (15 credit hours)
- SS30301 Special Seminar on Environmental Science
- SS30503 Environmental Science and Environmental Technology
- SS30603 Geographical Information System And Environmental Modelling
- SS30802 Groundwater Pollution
- SS30903 Environmental Toxicology
- SS30103 Project I (15 credit hours)
## HS11 ENVIRONMENTAL SCIENCE

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
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<tbody>
<tr>
<td>Semester 1</td>
<td>Semester 2</td>
<td>Semester 3</td>
</tr>
<tr>
<td>MINOR / ELECTIVE (15 CREDIT HOURS)</td>
<td>BZ10303 Microeconomic (3 credit hours)</td>
<td>BZ20203 Macroeconomic (3 credit hours)</td>
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**TOTAL (120 CREDIT HOURS)**

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