

List of courses reviewed and developed for Royal University of Bhutan supported by SUNRAISE project

The courses (modules) for BSc Environment and Climate Studies (BSc ECS) are reviewed and all the reviewed courses are trial run and is also approved by the University's 58th Program Quality Committee (PQC). The courses to have trial run is approved by the 5th Program Committee Meeting (PCM) at the Department Level (Department of Environment and Climate Studies) and the completion of the review of all six courses for BSc ECS program is reported to 9th PCM held on July 04 2020 (Refer 9th PCM BSc ECS 2020).

Table 1. List of courses reviewed with support from SUNRAISE project

Sl no	Course title and course code (in parenthesis)	Credit value (equivalent)	Level of course	Approval evidence	Remarks
1	Hydrology (CLM102)	ECTS ~ 6	BSc in ECS	58 th Program Quality Committee (PQC) held on 7 th October 2020 (Refer document – PQC58)	Approved at University level
2	Environment Impact Assessment (EVS308)	ECTS ~ 6	BSc in ECS	58 th PQC held on 7/10/2020 (Refer document – PQC58)	Approved at University level
3	Introduction to Environment and Climate Studies (EVS104)	ECTS ~ 6	BSc in ECS	58 th PQC held on 7/10/2020 (Refer document – PQC58)	Approved at University level
4	Environmental Toxicology (EVS301)	ECTS ~ 6	BSc in ECS	58 th PQC held on 7/10/2020 (Refer document – PQC58)	Approved at University level
5	Pollution Abatement and Management (EVS304)	ECTS ~ 6	BSc in ECS	58 th PQC held on 7/10/2020 (Refer document – PQC58)	Approved at University level
6	Disaster Risk Reduction and Management (HAZ301)	ECTS ~ 6	BSc in ECS	58 th PQC held on 7/10/2020 (Refer document – PQC58)	Approved at University level
7	Natural Resources Management (NRM601)	ECTS ~ 7.5	MSc in NRM by Research	Reviewed on 10 th March 2021 (refer MSc in NRM review doc)	Approved at University level

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In addition to the courses listed in Table 1, several other new courses are also developed for the BSc in ECS programme with the support from SUNRAISE project and is approved at the University level (See Table 2).

Table 2. New courses developed with support from SUNRAISE project

Sl no	Course title and course code (in parenthesis)	Credit value (equivalent)	Level of course	Evidence of Approval	Remarks
1	Environmental Chemistry (EVS110)	ECTS ~ 6	BSc in ECS	58 th PQC held on 7/10/2020 (Refer document – PQC58)	Approved at University level
2	Conservation Biology (EVS111)	ECTS ~ 6	BSc in ECS	and 5 th RDC held on 28 th January 2021 (refer 5 th RDC document)	Approved at University level
3	Waste Management (EVS112)	ECTS ~ 6	BSc in ECS	58 th PQC held on 7/10/2020 (Refer document – PQC58)	Approved at University level
4	Green Technology and Development (EVS308)	ECTS ~ 6	BSc in ECS	58 th PQC held on 7/10/2020 (Refer document – PQC58)	Approved at University level
5	Climate Resilient Agriculture (CLM308)	ECTS ~ 6	BSc in ECS	58 th PQC held on 7/10/2020 (Refer document – PQC58)	Approved at University level
6	Land Reclamation and Ecological Restoration (ECO301)	ECTS ~ 6	BSc in ECS	58 th PQC held on 7/10/2020 (Refer document – PQC58)	Approved at University level
7	Environmental Systems Analysis (EVS312)	ECTS ~ 6	BSc in ECS	58 th PQC held on 7/10/2020 (Refer document – PQC58)	Approved at University level
8	Applied Environmental Geo-informatics (GIS402)	ECTS ~ 6	BSc in ECS	58 th PQC held on 7/10/2020 (Refer document – PQC58)	Approved at University level
9	Natural Resource Conflict Resolution and Management (NRM413)	ECTS ~ 6	BSc in ECS	58 th PQC held on 7/10/2020 (Refer document – PQC58)	Approved at University level
10	Climate Change Impacts, Adaptation and Mitigation (CLM701)	ECTS ~7.5	PhD in Climate Studies	Course validated on 10 April 2021	Approved at University level

The support from SUNRAISE project is also used in developing two new program (Masters level – MSc in Conservation Biology by Research) and Doctor of Philosophy programme in Climate Studies

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(PhD in Climate Studies). The duration for Master program is for two years and PhD program is for three years comprising equivalent to ECTS ~ 120 and ECTS ~ 180 (Table 3).

Table 3. New programmes developed with support from SUNRAISE project

SI no	Programme title	Total credits	Course duration and Level (in parenthesis)	Approval evidence	Remarks
1	PhD in Climate Studies	ECTS ~ 180	3 years (Doctor of Philosophy)	4 th Research Degree Committee (RDC) held on 4 th October 2020 and 5 th RDC held on 28 th January 2021.	Approved at University level
2	Master of Science in Conservation Biology by Research	ECTS ~ 120	MSc in Conservation Biology	5 th RDC held on 28 th January 2021.	Approved at University level