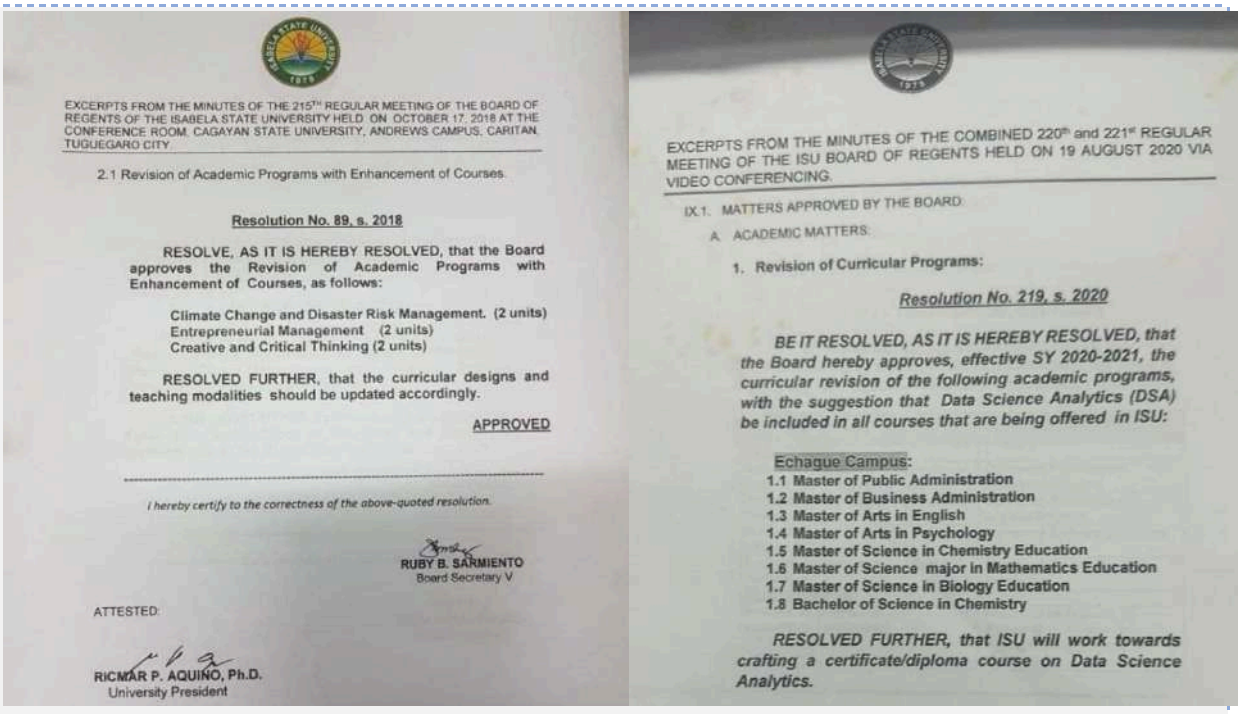
SDG 17 | Indicator 17.4.1

ISU Commitment to Meaningful SDG Education for All Students (2025)

Isabela State University (ISU) is committed to meaningful education on the Sustainable Development Goals (SDGs) that is relevant and applicable to all of its students. Every undergraduate and graduate program of the University includes four SDG-oriented institutional subjects approved by the Board of Regents: Climate Change and Disaster Risk Management, Creative and Critical Thinking Skills, Entrepreneurial Management, and Data Science Analytics. In 2025, ISU strengthened this commitment through a partnership with UP-CIFAL Philippines to integrate the 17 SDGs into teaching, research and extension across the ISU System. The following reports document this university-wide commitment.

1 Best Practice: Sustainability Literacy of ISU Students through SDG-Oriented Institutional Subjects

University-wide | All ISU campuses and programs



EXCERPTS FROM THE MINUTES OF THE 215TH REGULAR MEETING OF THE BOARD OF REGENTS OF THE ISABELA STATE UNIVERSITY HELD ON OCTOBER 17, 2018 AT THE CONFERENCE ROOM, CAGAYAN STATE UNIVERSITY, ANDREWS CAMPUS, CARITAN, TUGUEGARO CITY.

2.1 Revision of Academic Programs with Enhancement of Courses.

Resolution No. 89, s. 2018

RESOLVE, AS IT IS HEREBY RESOLVED, that the Board approves the Revision of Academic Programs with Enhancement of Courses, as follows:

Climate Change and Disaster Risk Management. (2 units)
Entrepreneurial Management (2 units)
Creative and Critical Thinking (2 units)

RESOLVED FURTHER, that the curricular designs and teaching modalities should be updated accordingly.

APPROVED

I hereby certify to the correctness of the above-quoted resolution.

RUBY B. SARMIENTO
Board Secretary V

ATTESTED:

RICMAR P. AQUINO, Ph.D.
University President

EXCERPTS FROM THE MINUTES OF THE COMBINED 220th and 221st REGULAR MEETING OF THE ISU BOARD OF REGENTS HELD ON 19 AUGUST 2020 VIA VIDEO CONFERENCING.

IX.1. MATTERS APPROVED BY THE BOARD:

A. ACADEMIC MATTERS:

1. Revision of Curricular Programs:

Resolution No. 219, s. 2020

BE IT RESOLVED, AS IT IS HEREBY RESOLVED, that the Board hereby approves, effective SY 2020-2021, the curricular revision of the following academic programs, with the suggestion that Data Science Analytics (DSA) be included in all courses that are being offered in ISU:

Echague Campus:
1.1 Master of Public Administration
1.2 Master of Business Administration
1.3 Master of Arts in English
1.4 Master of Arts in Psychology
1.5 Master of Science in Chemistry Education
1.6 Master of Science major in Mathematics Education
1.7 Master of Science in Biology Education
1.8 Bachelor of Science in Chemistry

RESOLVED FURTHER, that ISU will work towards crafting a certificate/diploma course on Data Science Analytics.

Isabela State University (ISU) has adopted a forward-looking curriculum that builds the sustainability literacy of its students. Four institutional subjects are offered across all programs of the University, from the undergraduate to the graduate level, so that every ISU student learns about sustainability regardless of field of study.

The four institutional subjects are Climate Change and Disaster Risk Management, Creative and Critical Thinking Skills, Entrepreneurial Management, and Data Science Analytics. They were approved by the ISU Board of Regents through Board Resolution No. 89, series of 2019, and Board Resolution No. 219, series of 2020.

The subjects prepare students and graduates to apply sustainability in practice. Through Climate Change and Disaster Risk Management, they are equipped to educate communities on climate change mitigation through outreach and research. Through Entrepreneurial Management and Creative and Critical Thinking Skills, they are prepared to launch startups and work as technopreneurs and entrepreneurs. Through Data Science Analytics, they learn to use data to predict trends, identify gaps and recommend policy improvements.

Students in the institutional subjects take three major examinations. The University uses the results of departmentalized examinations to assess student knowledge and to refine its strategies for advancing the Sustainable Development Goals. Through these subjects, ISU aims to produce graduates who are better prepared to address sustainability challenges at both the local and global levels.

Students in t

https://isu.edu.



Republic of the Philippines
ISABELA STATE UNIVERSITY
Cabagan Campus

COLLEGE OF EDUCATION

Course Syllabus
First Semester, School Year 2023- 2024

Course Number	Course Title	Credit Units	Hours per week
SED INST 4	Data Science Analytics	2	1 (Lec), 3 (lab)

VISION

The Isabela State University envisions to be a leading research university in the ASEAN region.

MISSION

The Isabela Stat University is committed to develop globally competitive human, technological resources and services through quality instruction, innovative research, responsive community engagement and viable resource management programs for inclusive growth and sustainable development.

QUALITY POLICY

The Isabela State University is determined to be a lead university in instruction, research, extension and resource generation through continual improvement of services and commits to comply with the standards set by statutory, regulatory and accreditation bodies.

To uphold this commitment, ISU shall attain the following quality objectives:

1. Sustain academic excellence and quality in instruction;
2. Generate research breakthroughs;
3. Engage in sectoral activities for community development;
4. Develop products for glocalization;
5. Support students' participation to local and international fora to enhance their potentialities; and
6. Review on periodic basis, the Quality Management System (QMS) and gather feedback on the level of client satisfaction as basis for continual improvement.

INSTITUTIONAL OUTCOMES

Communicator (Cm)
- Recognizes and values communication as a tool for conveying and interacting with others and fostering their own learning.

Inquiry-focused and Knowledgeable (IFK)
- Creates new knowledge and understanding through the process of research and inquiry.
- Demonstrate comprehensive theoretical and technical concepts related to their field of specialization with relevant connections to industry, professional and regional knowledge.

Competent (Cp)
- Initiates and innovates better ways of doing things
- Promotes quality and productivity

Collaborative and Effective Leader (CEL)
- Works in collaboration with others and manages group functioning to meet common goal

Lifelong Learner (LL)
- Acquires new skills and adapts to rapid changes in professional and personal environments

ISUCab-CEd-Syl-014
Revision: 2: September 1, 2020

GOALS OF THE COLLEGE OF EDUCATION

In line with the Isabela State University's vision and mission, the College of Education is tasked to develop professional educators and train future teachers who are competent, caring, confident and would contribute to the development of the community through education by:

1. enhancing the qualification of educators for academic and professional development equipped with advanced training and educational innovations as well as research and extension capabilities; and
2. preparing and developing highly qualified basic education teachers and skilled technologies through quality and well-rounded pre-service training in both academic and vocational for diverse communities of learners.

PROGRAM OUTCOMES

The graduates of the **Bachelor of Secondary Education** program must be able to:

1. Articulate the rootedness of education in philosophical, socio-cultural, historical, psychological, and political contexts;
2. Demonstrate mastery of subject matter/discipline;
3. Facilitate learning using a wide range of teaching methodologies and delivery of modes appropriate to specific learners and their environments;
4. Develop innovative curricula, instructional plans, teaching approaches, and resources for diverse learners;
5. Apply skills in the development and utilization of ICT to promote quality, relevant, and sustainable educational practices;
6. Demonstrate a variety of thinking skills in planning, monitoring, assessing, and reporting learning processes and outcomes;
7. Practice professional and ethical teaching standards sensitive to the local, national, and global realities; and
8. Pursue lifelong learning for personal and professional growth through varied experiential and field-based opportunities.

Course Description

This course is designed for students with little to no technical background who want to understand the fundamental principles of data science analytics and how it impacts various aspects of their personal and professional lives. Particularly, it covers the basics of data collection, cleaning, analysis, and visualization techniques, enabling them to make data-driven decisions.

Prerequisite/s: None

Course Learning Outcomes	Program Outcomes								Institutional Outcomes				
	LO1	LO2	LO3	LO4	LO5	LO6	LO7	LO8	Cm	IFK	Cp	CEL	LL
1. Describe key concepts of data science analytics	I	D	I	I	DA	DA	D	DA	D	DA	DA	D	D
2. Perform essential analytics techniques using Microsoft Excel	I	D	I	I	D	DA	DA	DA	D	DA	DA	D	D
3. Create compelling data visualizations using Microsoft Excel	I	D	DA	DA	DA	DA	DA	DA	DA	DA	DA	DA	DA
4. Demonstrate an increased sense of confidence and motivation in the ability to work with data	I	DA	DA	I	DA	D	D	DA	DA	DA	DA	D	D
5. Develop a positive attitude towards tackling real-world data challenges using the data analytics tool selected	I	DA	DA	I	DA	D	D	DA	DA	DA	DA	D	D

Republic of the Philippine
ISABELA STATE UNIVERSITY
San Mateo Campus

BACHELOR OF SECONDARY EDUCATION

Course Syllabus
First Semester, School Year 2023 – 2024

SEd Inst 1	Climate Change and Risk Reduction Management	2 units	2 hour/week
Course Number	Course Title	Credit Unit/s	Lecture Hours Per Week

VISION

A leading research university in the ASEAN region.

MISSION

The Isabela State University is committed to develop globally competitive human, technological resources and services through quality instruction, innovative research, responsive community engagement and viable resource management programs for inclusive growth and sustainable development.

QUALITY POLICY

The Isabela State University is determined to be a lead university in instruction, research, extension and resource generation through continuous improvement of services and commits to comply with the standards set by statutory, regulatory and accrediting bodies.
To uphold this commitment, ISU shall attain the following quality objectives:

1. Sustain academic excellence and quality instructions;
2. Generate research work breakthroughs;
3. Engage in sectoral activities for community development;
4. Develop products of glocalization;
5. Support students' participation to local and international fora to enhance their potentialities; and,
6. Review on periodic basis, the quality management system (QMS) and gather feedback on the level of client satisfaction as basis for continual improvement.

INSTITUTIONAL OUTCOMES

ISU Expected Graduate Attributes

Communicator (Cm)
- Recognizes and values communication as a tool for conveying and interacting with others, and fostering their own learning.

Inquiry-focused and Knowledgeable (IFK)
- Creates new knowledge and understanding through the process of research and inquiry
- Demonstrates comprehensive theoretical and technical concepts related to their field of specialization with relevant connections to industry, professional and regional knowledge.

Competitive (Cp)
- Initiates and innovates better ways of doing things
- Promotes quality and productivity

Collaborative and Effective Leader (CEL)
- Works in collaboration with others and manages group functioning to meet common goal.

Lifelong Learner (LL)
- Acquires new skills and adapts to rapid changes in professional and personal environments

GOALS OF THE BACHELOR OF SECONDARY EDUCATION	PROGRAM LEARNING OUTCOMES
In line with the Isabela State University's vision and mission, the BSEd is tasked to: 1. enhancing the qualification of educators for academic and professional development equipped with advanced training and educational innovations as well as research and extension capabilities; and 2. preparing and developing highly qualified basic education teachers and skilled technologies through quality and well-rounded pre-service training in both academic and vocational for diverse communities of learners.	1. Possess wide range of theoretical and practical skills of an effective delivery instruction; 2. Perform the necessary competencies needed in the different learning areas in the secondary school; 3. Conduct research of instruction; 4. Undertake actual training in community development through extension activities; 5. Apply appropriate innovative and alternative teaching approaches; 6. Practice the professional and ethical requirements of the teaching profession; and 7. Demonstrate desirable Filipino value as a foundation for social citizenship participation.

Course Description:

Climate change is known to increase disaster intensities and frequency by aggravating hazards and the factors determining vulnerability of environment, inhabiting communities and their resources. There has been a paradigm shift in approach to disaster management from response and relief centric to risk management centric, and thus, calling integration of climate change adaptation and sustainability concerns along DRR into developmental process.

This course introduces the concepts, tools, methods for disaster risk management, specifically for climate and weather-related disasters; role of policies and frameworks at international, national and sub-national contexts, with focus on emerging issues and recent developments. Students are expected to attend the class after going through the reference reading materials, and participate in the guided exercises (tutorials) and undertake assignments in order to enable relevant knowledge base on the subject

Course Mapping

Course Learning Outcomes	Program Learning Outcomes								Institutional Outcomes			
	LO1	LO2	LO3	LO4	LO5	LO6	LO7	Cm	IFK	Cp	CEL	LL
1. To provide a systematic knowledge base on disaster typology, risk, vulnerability, their impacts and concerns to growing hydro-met disasters,	I	I	D	D	D	I	DA	D	D	D	D	DA
2. To apply approaches and measures of disaster management, preparedness and response, and related policies, law and methods.	D	D	DA	I	D	I	DA	D	D	D	D	DA
3. To enumerate on possible pathways, tools and options for CCA-DRR and sustainability mainstreaming through developmental planning at sectors, department or local levels, and activities.	D	D	D	I	D	I	D	D	D	D	D	I
4. Observe 3 M's (Makadiyos-Makatao at Makakalikasan.	I	I	D	D	DA	DA	I	D	D	I	D	I
5. Perform glocal risk reduction best practices anywhere.	D	DA	D	D	DA	DA	DA	D	D	I	D	D

ISUSanMat-SEd-Syl-014
Revision: 1
Effectivity: September 1, 2020

Source Isabela State University News

2 ISU and UP-CIFAL Philippines Forge Partnership to Advance Sustainability in Higher Education

February 11–12, 2025 | ISU Cauayan

https://isu.edu.p



Isabela State University (ISU) and the University of the Philippines Centre International de Formation des Autorités et Leaders (UP-CIFAL Philippines) held the Sustainable Development Goals for Higher Education (SDGs4HE) orientation program on February 11–12, 2025, at ISU Cauayan. Organized by the School of Arts and Sciences of ISU Cauayan, with the support of the University's offices for Research and Development, Extension and Training Services, Planning and Development/GAD, Academic Affairs and the Executive Officer, the program gave university administrators, faculty, students and research professionals the knowledge and tools to integrate the 17 UN SDGs into their work in teaching, research and community extension.

A highlight of the program was the signing of a Memorandum of Agreement between ISU, represented by then University President Dr. Ricmar P. Aquino, and UP-CIFAL Philippines, represented by its Director, Dr. Michelle R. Palumbarit. Then Vice President for Academic Affairs Dr. Boyet L. Batang, Cauayan Campus Cluster Executive Officer Dr. Precila C. Delima and other university officials witnessed the signing. The agreement aims to institutionalize SDG-aligned teaching, research and extension initiatives at ISU and to continue their development and implementation.

Over the two days, experts shared perspectives on sustainability in higher education. Dr. Ronald Allan S. Mabunga of Marikina Polytechnic College spoke on peace and partnerships in sustainability during a polycrisis. Dr. Parsons N. Hail of Central Luzon State University discussed grassroots sustainability efforts. Dr. Jowima Ang-Reyes of UP Diliman's Ugnayan ng Pahinungod presented people-centered social innovation and community co-creation, and Dr. Karen Ann B. Jago-on of the UP Diliman School of Urban and Regional Planning discussed the role of the academe in city planning and sustainable campus development. On the second day, Dr. Arlene L. Gonzales of Mariano Marcos State University spoke on accountability and transparent, holistic evaluation, and Ms. Anna Floresca F. Firmalino of the UP Los Baños Office of International Linkages discussed internationalization and global networks.

Participants also joined interactive workshops, including a World Café discussion, in which they aligned academic programs and institutional strategies with the SDGs. Dr. Palumbarit stressed the key role of higher education in driving sustainability and closed the workshop by emphasizing collaboration for inclusive and sustainable growth.

Dr. Aquino said the partnership would strengthen ISU's advocacy for the SDGs, while Dr. Batang said the commitment would extend beyond the Cauayan Campus to the wider Isabela State University System, making SDG education part of the whole University.



PHOTO

Resource speakers, World Café workshop and participants

Use the photos posted with the original article:

https://isu.edu.ph/isu-up-cifal-forge-partnership-to-advance-sustainability-in-higher-education-with-moa-signing/

(full width, 6.5 in, same as the other photos; delete this box after inserting)

Source Isabela State University News

Source UP-CIFAL Philippines