

UM CourseQual: A Software-Based Review, Monitoring, and Quality Control System for Course Syllabi

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SDG Focus

KEY POINTS



Purpose: Streamlines syllabus review, monitoring, and revision to ensure alignment with learning outcomes, educational standards, emerging frameworks, and institutional quality requirements.



Target Beneficiaries: UM faculty members, academic departments, curriculum committees, academic administrators, and students.

Major Activities: CourseQual digitizes syllabus management by automating revision tracking, documenting updates and accountability, and monitoring curriculum alignment.

Key Partners: UM faculty members, academic departments, curriculum committees, academic administrators, and students.

Key Outcomes: Improved the efficiency of syllabus review and monitoring, strengthened accountability through automated revision tracking, enhanced constructive alignment of curricula, supported evidence-based curriculum management, and reinforced the University's quality assurance and accreditation efforts.

PROJECT DESCRIPTION

The CourseQual is an innovative digital platform developed by UM through the IPAC to enhance the review, monitoring, and quality assurance of course syllabi across the university and its branches. The project aims to ensure that all syllabi are aligned with current educational standards, intended learning outcomes, assessment tasks, teaching-learning activities, and emerging educational frameworks such as SDGs, qualification frameworks, digital literacy, and 21st-century competencies.

The specific objectives of the project are to streamline syllabus revision processes, improve curriculum quality, facilitate systematic monitoring, and establish accountability among faculty members, program heads, and academic administrators involved in syllabus development. The project serves faculty members, academic departments, curriculum committees, and students across the UM's main and branch campuses.

Initially proposed in 2023, the project introduces technology-driven innovations that automate key quality assurance functions. These include generating revision histories, identifying responsible personnel for syllabus updates, recording revision dates and academic terms, documenting reasons for revisions, and facilitating updates based on new research findings and disciplinary developments.

By digitizing syllabus management, CourseQual promotes continuous curriculum improvement, enhances institutional quality-assurance mechanisms, and supports the delivery of relevant, outcomes-based education throughout the university system.

TANGIBLE OUTCOMES

Impact to the University

Through the development of a centralized digital platform, faculty members and academic administrators gained access to an organized system for managing course syllabi, reducing manual processes, and improving monitoring efficiency. CourseQual implementation

resulted in a more efficient and systematic approach to syllabus review, monitoring, and quality assurance.

Impact to the Community/ Society

The project enabled the automatic tracking of syllabus revisions for accurate documentation of changes, revision dates, and academic periods. It also strengthened accountability by identifying the faculty member, program head, or dean responsible for updating each syllabus. Furthermore, the system facilitated the timely incorporation of new research findings, disciplinary trends, and educational policies into course offerings.

Impact to SDGs

Another significant outcome of the project was its contribution to SDG 4 and 9 through the promotion of constructive alignment among learning outcomes, assessment methods, and teaching-learning activities. The project also increased awareness of and integration with educational priorities. Thus, CourseQual contributed to the university's commitment to continuous quality improvement and evidence-based curriculum management while supporting institutional accreditation and academic excellence efforts.

SUSTAINABILITY PLAN

CourseQual has successfully established a digital framework to improve quality control of course syllabi at the university by automating revision tracking, enhancing accountability, improving curriculum alignment, and increasing the integration of emerging standards and frameworks into academic programs. These accomplishments demonstrate the project's value in strengthening institutional quality assurance and supporting continuous curriculum improvement.

Moving forward, the project proponents aim to further expand and enhance the system's capabilities by integrating additional analytics and reporting features that can provide real-time information on syllabus compliance, curriculum gaps, and trends across programs.

Continuous training and capacity-building activities for faculty members and administrators will help maximize the platform's utilization and ensure consistent implementation of quality standards.

The project may also be linked with other university information systems to create a more comprehensive academic management ecosystem. Regular assessment and feedback mechanisms will be established to identify opportunities for improvement and respond to evolving educational demands. Through sustained institutional support, ongoing technological enhancements, and stakeholder collaboration, CourseQual can continue to serve as a model of innovation in higher education quality assurance and curriculum management.