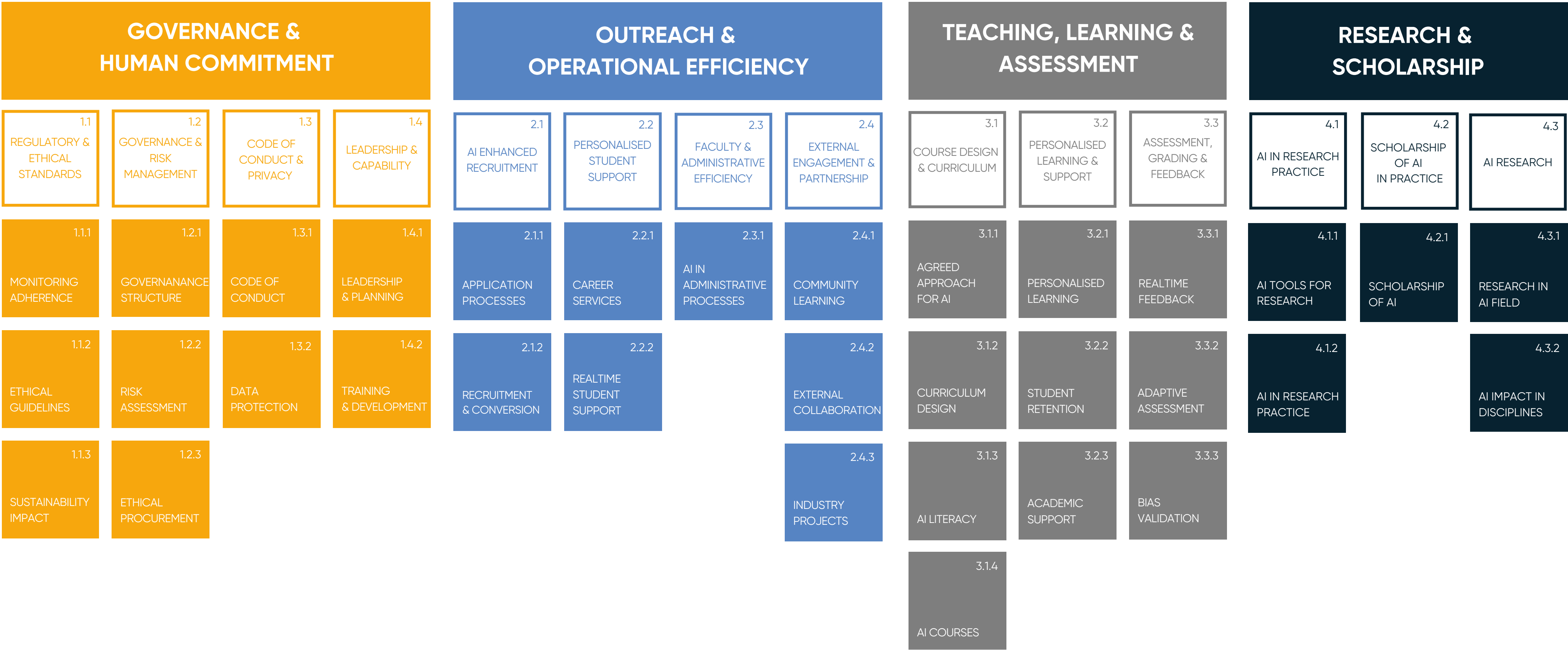# AI Capability Framework

An open source framework helping universities to to evaluate and enhance their artificial intelligence (AI) capabilities. The framework provides a structured approach for universities to assess their current AI integration, identify areas for improvement, and make informed strategic decisions. The framework is built upon four key pillars, segmented into 14 indicators, and includes over 30 sub-indicators to assess institutional capabilities.

GOVERNANCE & HUMAN COMMITMENT

1.1 REGULATORY & ETHICAL STANDARDS	1.2 GOVERNANCE & RISK MANAGEMENT	1.3 CODE OF CONDUCT & PRIVACY	1.4 LEADERSHIP & CAPABILITY
1.1.1 MONITORING ADHERENCE	1.2.1 GOVERNANANCE STRUCTURE	1.3.1 CODE OF CONDUCT	1.4.1 LEADERSHIP & PLANNING
1.1.2 ETHICAL GUIDELINES	1.2.2 RISK ASSESSMENT	1.3.2 DATA PROTECTION	1.4.2 TRAINING & DEVELOPMENT
1.1.3 SUSTAINABILITY IMPACT	1.2.3 ETHICAL PROCUREMENT		

OUTREACH & OPERATIONAL EFFICIENCY

2.1 AI ENHANCED RECRUITMENT	2.2 PERSONALISED STUDENT SUPPORT	2.3 FACULTY & ADMINISTRATIVE EFFICIENCY	2.4 EXTERNAL ENGAGEMENT & PARTNERSHIP
2.1.1 APPLICATION PROCESSES	2.2.1 CAREER SERVICES	2.3.1 AI IN ADMINISTRATIVE PROCESSES	2.4.1 COMMUNITY LEARNING
2.1.2 RECRUITMENT & CONVERSION	2.2.2 REALTIME STUDENT SUPPORT		2.4.2 EXTERNAL COLLABORATION
			2.4.3 INDUSTRY PROJECTS

TEACHING, LEARNING & ASSESSMENT

3.1 COURSE DESIGN & CURRICULUM	3.2 PERSONALISED LEARNING & SUPPORT	3.3 ASSESSMENT, GRADING & FEEDBACK
3.1.1 AGREED APPROACH FOR AI	3.2.1 PERSONALISED LEARNING	3.3.1 REALTIME FEEDBACK
3.1.2 CURRICULUM DESIGN	3.2.2 STUDENT RETENTION	3.3.2 ADAPTIVE ASSESSMENT
3.1.3 AI LITERACY	3.2.3 ACADEMIC SUPPORT	3.3.3 BIAS VALIDATION
3.1.4 AI COURSES		

RESEARCH & SCHOLARSHIP

4.1 AI IN RESEARCH PRACTICE	4.2 SCHOLARSHIP OF AI IN PRACTICE	4.3 AI RESEARCH
4.1.1 AI TOOLS FOR RESEARCH	4.2.1 SCHOLARSHIP OF AI	4.3.1 RESEARCH IN AI FIELD
4.1.2 AI IN RESEARCH PRACTICE		4.3.2 AI IMPACT IN DISCIPLINES

Purpose

The QS AI Capability Framework is designed to assist higher education institutions to evaluate and enhance their artificial intelligence (AI) capabilities. The framework provides a structured approach for universities to assess their current AI integration, identify areas for improvement, and make informed strategic decisions. The framework is built upon four key pillars, segmented into 14 Indicators, and encompassing over 30 sub-indicators to assess institutional capabilities.

Methodology & Guiding Principles

The framework was developed in collaboration with AI experts, industry and academic stakeholders to ensure relevance, rigor, and adaptability. It is structured around four key institutional functions: Teaching, Learning, and Assessment; Research and Scholarship; Governance and Human Commitment; and, Operational Efficiency. The framework provides a systematic lens for assessing institutional capabilities in AI integration and a tool for measuring progress over time.

Institutional Assessment

Using the QS AI Capability Framework, the assessment process involves data collection completed by the institution and supported by evidence. To ensure a holistic perspective, the assessment is complemented by faculty and student surveys to capture diverse stakeholder insights. Submissions and survey results are analysed and points allocated at each sub-indicator level, ultimately resulting in a comprehensive evaluation of the institutions' strengths and areas for strategic improvement.