

Indicators by functional category

All indicators are listed within their functional area with a brief description of the objectives of reporting on each group of indicators. Data variables to compute each indicator are listed in Appendix 2: Data Dictionary.

1.1 Indicators related to Institutional Information

Information on number of students, total number of EFTSL, offered credit hours, and some items of the operational budget of the institution will be needed to compute these indicators.

Table 1.1

Indicator Number	Sub-Area		Indicator
1	1.1	Financial Resources	Revenue: Total institution budget for the year, with sources
2	1.1	Financial resources	Expenditures per student
3	1.1	Financial resources	Expenditures per EFTSL
4	1.1	Financial resources	Cost per credit hour
5	1.2	Financial aid	Percentage of tuition spent on scholarships
6	1.3	Scope	Number of programs
7	1.3	Scope	Number of accreditations
8	1.3	Scope	Number of active partnerships
9	1.4	library	Library holdings (books, journals)
10	1.4	library	Number of databases
11	1.4	library	Library funding as percent of institution expenditure

12	1.5	Labor Market	Rate of employment within 12 months of graduation
13	1.5	Labor Market	Percent of employers satisfied with HE graduates

1.2 Indicators related to Research and Innovation

Indicators in Table 1.2 are used to measure research and innovation in three broad categories (1) Engagement; (2) Productivity; and (3) Quality.

Engagement is inferred from institutional funding efforts measured in acquiring research equipment and databases, covering the cost of released time for researcher, offering competitive salaries, and providing adequate research environments.

Productivity is measured by the quantity of research publications, books, number of patents, and number of awards, and research programs offered by the institution.

Quality of the publications is measured by the journal and the citations which indicate the degree of contribution of the paper in the related research areas.

Table 1.2

Indicator Number	Sub-area	Indicator
14	Research Funding	Institution research Income
15	Research Funding	Funding sources
16	Research Productivity	Number of papers published in peer-reviewed journals per year; or peer-endorsed creative works; per faculty member
17	Research Productivity	Number of refereed books published by recognized publishers; per faculty member
18	Research Productivity	Number of patents issued per year; per faculty member
19	Research Productivity	Citations per faculty member
20	Research Productivity	Number of national awards for high achieving researchers
21	Research students	Number of students enrolled in doctoral qualifications

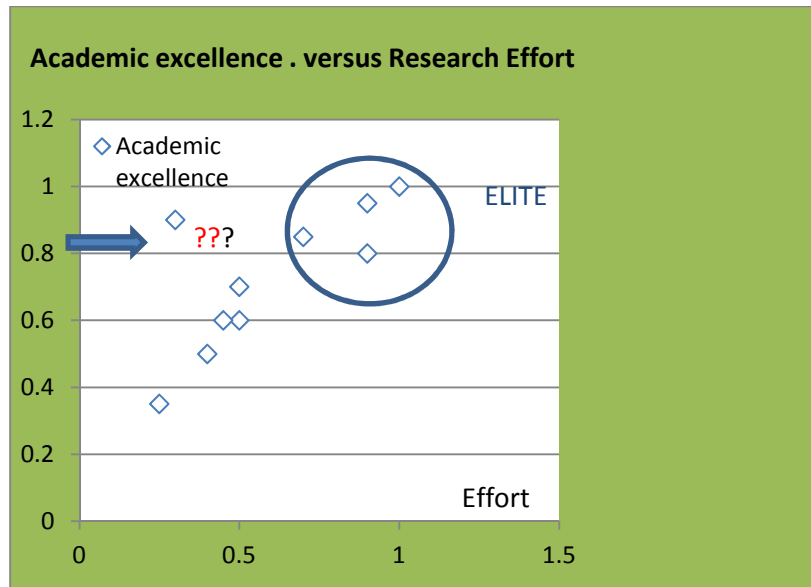


Table 1.3: Indicators related to Academic Programs

Table 1.3 includes selectivity of admitted students, partnerships with other institutions, student attainment and satisfaction, and graduate employability. The selectivity criterion is based on number of admitted applicants, total number of eligible applicants, score obtained in High School certificate, CEPA and TOEFL scores, etc. Student attainment involves various rates such as: persistence rate, completion rate, CGPA, attrition rate, success rate of final year students in professional tests, and percentage of students who were granted admission in postgraduate programs and scholarships. The satisfaction level of students and graduates, and employability of graduates, will be inferred via surveys conducted by the individual institutions. Survey results will be self-reported in aggregate in the 'Institutional' section of the data request.

Indicator Number	Sub-area	Indicator
22	Academic Programs	Percent of current students satisfied with the institution (overall and by aspects: curriculum, teaching, facilities, library)
23	Academic Programs	Percent of alumni satisfied with the institution (overall and by aspects identified in alumni survey: curriculum, teaching, facilities, etc.)

Indicator Number	Sub-area	Indicator
24	Academic Partnerships	Number of students studying abroad (annual count by year)
25	Academic Partnerships	Number of students from abroad, studying here (annual count by year)
26	Academic Partnerships	Number of incoming students granted transfer of credit from another institution within UAE (use credit hours-based system)
27	Admissions and Selectivity	Average secondary / high school exit test scores (u/g students); GPA (p/g students)
28	Admissions and Selectivity	Average CEPA test scores (u/g students)
29	Admissions and Selectivity	Ratio of places offered to applicants; and of enrolments to offers
30	Labor Market Linkages	Number of internships arranged by the institution (by industry sector, by gender)
31	Student attainment	Persistence rate: % of students still enrolled in comparison to a base year
32	Student attainment	Access rate: the number of commencing students in the category as a percentage of total commencing students
33	Student attainment	Progression rate: number of students who re-enrol as a proportion of students who were enrolled in the previous academic year and completed the year with a CGPA ≥ 2.0 (less those who completed their course)
34	Student attainment	Success rate: the EFTSL of units passes as a percentage of all EFTSL of units attempted. Attempted EFTSL comprises unit passed, failed and withdrawn
35	Student Attainment	Number of graduates of degree and certificate progs, by program and type of degree
36	Student Attainment	Percent of students graduating in each discipline
37	Student attainment	Attrition rate: number of students who do not re-enroll in a given year as a proportion of students who were enrolled in the previous year, after allowing for those who completed their course. (inverse of retention)
38	Student attainment	Performance in professional association exams
39	Student attainment	% of students completing programs in up to 1.5 times the normal period of study (excluding foundation years.
40	Student Attainment	Value-added measure of student learning (e.g. critical thinking)
41	Student Attainment	Percent of graduates receiving scholarships for graduate studies
42	Post-Graduation Outcomes	Engagement in further study within 12 months after graduation

1.4 Indicators related to Human Capital

The indicators of this area, Table 1.4, focus on whether the institution is staffed according to international norms, working conditions and degree of satisfaction of full time faculty and support staff, and their quality.

Table 1.4

Indicator Number	Sub-area	Indicator
43	Load	Average teaching load of F/T and of P/T faculty
44	Load	Research load
45	Recruitment & Retention	Faculty salary
46	Recruitment & Retention	Faculty satisfaction
47	Recruitment & Retention	Staff satisfaction
48	Recruitment & Retention	Faculty retention – mean no. of years at the institution
49	Evaluation & Promotion	% of faculty in different ranks
50	Evaluation & Promotion	Number of faculty receiving national performance awards
51	Faculty Quality	% of faculty with different highest degrees
52	Faculty Diversity	Faculty nationality
53	Faculty Diversity	Country of faculty highest degree
54	Faculty Diversity	Percent of female faculty (as a percent of total faculty)
55	Faculty Diversity	% of faculty in different age bands

1.5 Indicators related to Students & Learning Environment

Table 1.5 lists indicators related to the learning environment. Information necessary to calculate student/faculty ratio, class sizes and diversity are required in the data request.

Table 1.5

Indicator Number	Sub-area	Indicator
56	Diversity	Student demographics (head count, EFTSL) in total and by categories (inc. gender, nationality, field of study, level)
57	Load	Student-faculty ratio
58	Load	Student staff ratio
59	Load	Faculty staff ratio
60	Load	Proportion of faculty who are full-time
61	Classes	size of theory classes / lectures
62	Classes	size of practical classes / labs & studio