

Accreditation Criteria for Accrediting Architectural Programs

AAC2024

Institute of Engineering Education Taiwan
Accreditation Council

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Criterion 1: Program Educational Objectives

This criterion assesses the program's educational objectives (PEOs). The program seeking accreditation must:

- 1.1 publish detailed PEOs that demonstrate the program's characteristics and relevance to contemporary trends and societal demands;
- 1.2 describe the relationship between the PEOs of the program and those of the institution, as well as the process of establishing these objectives;
- 1.3 institutionalize an effective assessment plan to ensure the achievement of the PEOs.

Criterion 2: Students

This criterion assesses the quality of education for students. The program seeking accreditation must:

- 2.1 develop and implement appropriate regulations that are consistent with the PEOs;
- 2.2 develop and implement measures and policies encouraging students to engage in academic exchange and related learning activities;
- 2.3 institutionalize an effective advising system.

Criterion 3: Graduate Attributes

This criterion assesses the graduate attributes. The program must demonstrate that students have attained the following outcomes by graduation:

- 3.1 ability to apply creativity, aesthetics, and knowledge in architectural design;
- 3.2 ability to investigate, evaluate, translate, and integrate a design concept into built form;
- 3.3 ability to plan and practice an architectural project;
- 3.4 ability to manage projects, communicate effectively, respect for diversity, and function on interdisciplinary teams;
- 3.5 ability to identify, analyze, and consider sustainable development in solving complex architectural problems and reaching substantial conclusions;
- 3.6 knowledge of contemporary issues; an understanding of the impact of architectural solutions in environmental sustainability, social good, and global contexts; and the ability and habit to engage in lifelong learning;
- 3.7 apply ethical principles and commit to professional and information ethics responsibilities and norms of architectural practice.

Criterion 4: Curriculum and Teaching

This criterion assesses the curriculum and teaching of the program:

- 4.1 Design and content of the curriculum must be consistent with the PEOs and must include at least the following elements: humanities, social science, basic science, professional architectural topic, and general education. Specifically:
 - 4.1.1 humanities, social science, and basic science must be appropriate to the attainments of the PEOs and to prepare students for architectural practice;
 - 4.1.2 professional and architectural design components must account for at least three eighths of the credits required for graduation, and among these, architectural design must account for at least one fourth of the credits required for graduation;
 - 4.1.3 technical and professional contents must be sufficient to support the knowledge and skills

needed for the practice in architectural design;

4.1.4 general education component must complement the technical contents of the discipline and be consistent with the PEOs.

4.2 Design and implementation of the curriculum must correlate with the development of the industry, reflect, and improve to prepare students to culminate the learned knowledge and skills in architectural practice.

Criterion 5: Faculty

This criterion assesses the faculty of the program with regard to the following:

- 5.1 the full-time faculty must be of a sufficient number;
- 5.2 the faculty must be involved in the formation and execution process of the PEOs;
- 5.3 the faculty must have the qualifications and competencies to cover the professional knowledge of the subject areas in which they teach;
- 5.4 the program must demonstrate the effectiveness of faculty-student interactions and student advising;
- 5.5 the program must demonstrate the effectiveness of interactions of the faculty with industry;
- 5.6 the program must provide the faculty with the appropriate channels and incentives for professional growth and development;
- 5.7 the faculty must participate in relevant academic and professional organizations and activities.

Criterion 6: Space and Facilities

This criterion assesses instructional facilities, space, and hard and software:

- 6.1 the program must provide an environment to foster effective faculty-student interaction and support the development of professional knowledge and skills of students;
- 6.2 the program must provide appropriate opportunities, guidance, computing, and information infrastructure for students to become proficient of the specialized equipment and tools;
- 6.3 the program must provide a safe learning environment and have an appropriate system in place to maintain, upgrade, and manage these facilities.

Criterion 7: Institutional Support and Financial Resources

This criterion assesses the institutional support and financial resources of the program:

- 7.1 the institution must provide adequate administrative personnel, technical staff, and financial resources to ensure the quality and continuity of the program, along with constructive leadership and management;
- 7.2 resources must be sufficient to support the ongoing professional development of the faculty and students;
- 7.3 administrative personnel and technical staff must be adequate to meet the program's needs;
- 7.4 financial resources must be sufficient to acquire, maintain, and operate the facilities, infrastructure, and equipment appropriate for the program to support educational needs.

Criterion 8: Continuous Improvement

This criterion assesses the mechanism and implementation of continuous improvement. The program seeking accreditation must:

- 8.1 have a mechanism for continuous improvement;
- 8.2 demonstrate the implementation of continuous improvement.

Criterion G: Education for master's or beyond degrees extends from that of the bachelor's. The program under review must:

- G.0 have appropriate admission policies;
- G.1 fulfill the requirements of Criterion 1;
- G.2 fulfill the requirements of Criterion 2. In addition, it must demonstrate the effective interactions

between faculty advisors and graduate students;

- G.3 fulfill the requirements of Criterion 3, and students must attain the following outcomes by graduation:
 - G.3.1 professional knowledge in a specific field;
 - G.3.2 ability to organize and implement a research project;
 - G.3.3 ability to conduct professional journal writing;
 - G.3.4 ability for innovative thinking and independent problem solving;
 - G.3.5 ability to collaborate with people in an interdisciplinary setting;
 - G.3.6 ability of sound international scope of view;
 - G.3.7 ability in leadership, management, and planning;
 - G.3.8 ability for life-long learning.
- G.4 provide an appropriate curriculum to satisfy students' development in the professional field;
- G.5 fulfill the requirements of Criterion 5. In addition, faculty members must demonstrate outcomes of academic scholarship in the forms of academic or applied research and participate in international and domestic academic activities;
- G.6 fulfill the requirements of Criterion 6 and meet the needs for the research activities;
- G.7 fulfill the requirements of Criterion 7;
- G.8 fulfill the requirements of Criterion 8.