**National Taiwan University**

**Teaching and Research Unit Evaluation**

**Self-Evaluation Report**

**Evaluated Unit：【For Departments, Institutes and Degree Programs】**

Finalization Date of Evaluated Unit: / / (mm, dd, yyyy)

Unit Director Signature：

Form No.：A401000-2-007B-03

**Preface**

Established in 1928, National Taiwan University (NTU) is the flagship university in Taiwan, a leader in the following four areas: humanities and social sciences, physical sciences and mathematics, life sciences, and engineering. NTU’s mission is to provide faculty and students with a high-quality research and learning environment, to foster leadership and innovation, and to further national development and sustainability. This mission is guided by three principles: “Excellence in Teaching,” “Excellence in Research,” and “Service to Society,” which NTU has gathered and nurtured world-class talent in order to practice. We aim to establish our university as a global hub of education and research, striving toward the vision of "building a world-class educational institution that not only showcases our past century of glory but also provides passage into a new era."

In order to further enhance its teaching and research environment, NTU is building crucial infrastructure, updating teaching and research equipment and facilities, and making effective use and management of resources. Hardware-wise, NTU is making improvements to teaching and research facilities and equipment; software-wise, NTU is carrying out organizational and cultural change. For instance, NTU has adopted a flexible salary system to recruit outstanding faculty from across the nation and around the world, as well as a system of performance-based reviews and rewards to promote the enhancement of teaching and research. In recent years, we have focused on developing a "learner-centered open university," creating Specialization Program, promoting curriculum reform, and establishing College and University Interdisciplinary Bachelor’s Programs. These efforts have diversified and enhanced the flexibility of learning methods, aligning education with practical application, and thereby leading and inspiring NTU teaching and research to achieve higher quality and unique excellence.

During the process of evaluation, teaching and research units will receive valuable suggestions from scholars and experts in Taiwan and abroad. It is hoped that these suggestions will contribute to the improvement and development of each unit under evaluation and Taiwan’s flagship institution of higher learning as a whole.

**Guidelines for Filling in the Forms**

1. The “Introduction” should include a general description of the unit’s history, development objectives and achievements.
2. The summary of “suggestions by previous review panel and self-improvement” section should cover teaching and learning, research, service, administration and related issues. In addition, a brief report of suggestions made by reviewers and self-improvement should be included Content of self-evaluation report: it should contain the unit’s current achievements, strengths and weaknesses according to each indicator of CIPP, namely the Context, Input, Process and Product evaluations.
3. In the “Overview,” section, please describe it according to the Context, Input, Process, and Product (CIPP) evaluation model.
4. In the “Context Evaluation” section, it is required to focus on the unit’s latest development, rather than simply editing the contents of the previous self-evaluation report.
5. List the unit’s teaching and research equipment in Table 3-3.
6. Identify the major research results or academic publications, performances, exhibitions and patents in Appendix 2-2 Each department, institute or degree program should list at least 5 publications; colleges should list 5 to 10.
7. General Instructions：
8. The self-evaluation report should cover quantitative and qualitative data and information; Color-coded charts and photographs are suggested to add in the report, which will make it more vivid, concrete and readable.
9. Each unit may adjust the contents of self-evaluation report according to its teaching features, as long as the adjustments do not undermine the report’s spirit and purpose.
10. Please attach to the report any additional items and materials you wish to have included in the evaluation.

**National Taiwan University Teaching and Research Evaluation**

**Self-Evaluation Report**

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**Introduction**

1. **Suggestions Made by Previous Review Panel and Self- Improvements**

**i. Suggestions by previous review panel**

* + 1. **Teaching and Learning**
    2. **Research**
    3. **Service**
    4. **Administration**
    5. **Overall**

**ii. Improvements**

1. **Teaching and Learning**
2. **Research**
3. **Service**
4. **Administration**
5. **Overall**
6. **Evaluation**

**i. Overview**

1. **Context Evaluation**
2. **Input Evaluation**
3. **Process Evaluation**
4. **Product Evaluation**

**Table 1-1 Evaluation of the Unit’s Alignment with Medium-Term Strategic Planning at the University Level**

|  |  |  |
| --- | --- | --- |
| **Item** | **Alignment between Teaching, Research and Development** | **Self-Evaluation of the Unit’s Performance** |
| **Functions and Overall Objectives of the Unit** |  | □Excellent□Good□Average □Poor□Very Poor  Explanation and Suggestions: |
| **Current Status and Problem Analysis of the Unit** |  | □Excellent□Good□Average □Poor□Very Poor  Explanation and Suggestions: |
| **Unit Objectives and Strategies** |  | □Excellent□Good□Average □Poor□Very Poor  Explanation and Suggestions: |
| **Five-Year Work Plan** |  | □Excellent□Good□Average □Poor□Very Poor  Explanation and Suggestions: |
| **Key Performance Indicators (KPIs) and Governance Mechanism** |  | □Excellent□Good□Average □Poor□Very Poor  Explanation and Suggestions: |

**Please visit the university's information disclosure website to view the Medium-Term University Development Plan. (https://www.ntu.edu.tw/english/about/statistics.html)**

**ii. Context Evaluation**

1. **Department/Institute/Degree Program Plans**
   * + 1. Elaborate on the content and distinctive features of the teaching objectives of the department/institute/degree program (‘‘the Unit’’).
       2. Elaborate on the organization, procedure and operation of the business planning unit of the Unit.
       3. Elaborate on the alignment between curriculum planning and future development on the one hand and the teaching objectives and distinctive features of the Unit on the other hand.
       4. Elaborate on the alignment between required and elective course planning and the teaching objectives and distinctive features of the Unit.
       5. Elaborate on the Unit’s partnerships with other academic units and their effectiveness. (Fill in Table 2-3.)
       6. Which renowned foreign unit is a benchmark for the Unit? Why? How does the Unit plan to exceed the benchmark?
2. **Administration and Operations**
3. Elaborate on the organizational structure and operation of the units within the Unit. (Please provide an organization chart, including the unit names, functions, duties and operating procedures.)
4. Elaborate on the selection method and tenure of the Unit director and evaluate the impact thereof on the Unit’s development.
5. Elaborate on the operating procedure for faculty recruitment and evaluate the organization and operation of the Unit’s faculty evaluation committee.
6. Elaborate on the organization and operation of the curriculum committee, including specific achievements and student participation, in the past 5 years.
7. Elaborate on regulations and procedures for faculty course offerings and evaluate the influence of these regulations and procedures on the Unit’s development. How to align the course offerings with faculty expertise?
8. Elaborate on the organization and operating procedure of the student recruitment committee and evaluate its operation.
9. Elaborate on how assistants and administrative staff facilitate the teaching, research and services functions of the Unit, along with an analysis of strengths, weaknesses and difficulties.
10. **SWOT Analysis**
11. Strengths
12. Weaknesses
13. Opportunities
14. Threats
15. Strategies
16. **Unit Development Plan**
17. Short-Term (1-3 Years) Plan
18. Medium-Term (4-7 Years) Plan
19. Long-Term (over 8 Years) Plan

**Table 2-1 Numbers of Full-Time Faculty and Students and the Student-Faculty Ratio in the Past 3 Years**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Academic**  **Year** | **No. of Students** | | | **No. of Full-Time Faculty** | **Student-Faculty Ratio** |
| **Total** | **Graduate** | **Undergraduate** |
| **2021** |  |  |  |  |  |
| **2022** |  |  |  |  |  |
| **2023** |  |  |  |  |  |

**Notes：**

**1. Table 2-1 and 2-2: The information in this table is provided by National Taiwan University.**

**2. The student-faculty ratio in Table 2-1: Teaching assistants are not counted as faculty member; the number of students includes full-time and part-time students.**

**Table 2-2 Overview of Teaching and Research Results at Each College at NTU in the Past 3 Years**

| **Type** | | **Year** | **College** | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Liberal Arts** | **Science** | **Social Sciences** | **Medicine** | | **Engineering** | **Bio-Resources & Agriculture** | **Management** | **Public Health** | **Electrical Engineering & Computer Science** | **Law** | **Life Science** |
| **NSTC Academic Research** | **No. of**  **Projects** | **2021** |  |  |  |  | |  |  |  |  |  |  |  |
| **2022** |  |  |  |  | |  |  |  |  |  |  |  |
| **2023** |  |  |  |  | |  |  |  |  |  |  |  |
| **Total Amount of**  **Funding**  **(Unit: 1000 NTD)** | **2021** |  |  |  |  | |  |  |  |  |  |  |  |
| **2022** |  |  |  |  | |  |  |  |  |  |  |  |
| **2023** |  |  |  |  | |  |  |  |  |  |  |  |
| **Industry-Academia Cooperation**  **(Excluding NSTC)** | **No. of**  **Projects** | **2021** |  |  |  |  | |  |  |  |  |  |  |  |
| **2022** |  |  |  |  | |  |  |  |  |  |  |  |
| **2023** |  |  |  |  | |  |  |  |  |  |  |  |
| **Total Amount of**  **Funding**  **(Unit: 1000 NTD)** | **2021** |  |  |  |  | |  |  |  |  |  |  |  |
| **2022** |  |  |  |  | |  |  |  |  |  |  |  |
| **2023** |  |  |  |  | |  |  |  |  |  |  |  |
| **All** | **No. of**  **Projects** | **2021** |  |  |  | |  |  |  |  |  |  |  |  |
| **2022** |  |  |  | |  |  |  |  |  |  |  |  |
| **2023** |  |  |  | |  |  |  |  |  |  |  |  |
| **Total Amount of**  **Funding**  **(Unit: 1000 NTD)** | **2021** |  |  |  | |  |  |  |  |  |  |  |  |
| **2022** |  |  |  | |  |  |  |  |  |  |  |  |
| **2023** |  |  |  | |  |  |  |  |  |  |  |  |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Type** | | **Year** | **College** | | | | | | | | | | |
| **Liberal Arts** | **Science** | **Social Sciences** | **Medicine** | **Engineering** | **Bio-Resources & Agriculture** | **Management** | **Public Health** | **Electrical Engineering & Computer Science** | **Law** | **Life Science** |
| **Issued Paper**  **(Including Monographs)** | **SCI** | **2021** |  |  |  |  |  |  |  |  |  |  |  |
| **SSCI** |  |  |  |  |  |  |  |  |  |  |  |
| **TSSCI** |  |  |  |  |  |  |  |  |  |  |  |
| **Mono-**  **graph** |  |  |  |  |  |  |  |  |  |  |  |
| **SCI** | **2022** |  |  |  |  |  |  |  |  |  |  |  |
| **SSCI** |  |  |  |  |  |  |  |  |  |  |  |
| **TSSCI** |  |  |  |  |  |  |  |  |  |  |  |
| **Mono-**  **graph** |  |  |  |  |  |  |  |  |  |  |  |
| **SCI** | **2023** |  |  |  |  |  |  |  |  |  |  |  |
| **SSCI** |  |  |  |  |  |  |  |  |  |  |  |
| **TSSCI** |  |  |  |  |  |  |  |  |  |  |  |
| **Mono-**  **graph** |  |  |  |  |  |  |  |  |  |  |  |
| **Teaching Evaluation** | **Average Score** | **2021** |  |  |  |  |  |  |  |  |  |  |  |
| **2022** |  |  |  |  |  |  |  |  |  |  |  |
| **2023** |  |  |  |  |  |  |  |  |  |  |  |

**Table 2-3 List of the Unit’s Partnerships with Other Academic Units**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Partner** | **Cooperation Project** | **Period of Execution** | **Content of Cooperation** | **Performance Evaluation** |
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**iii. Input Evaluation**

1. **Human Resources**
2. Elaborate the percentage distribution of faulty and research staff by number, highest degree obtained and specialty. (Fill in Tables 3-1 and 3-2.)
3. Indicate the number of assistants and administrative staff in the Unit.
4. Indicate the number of students and the student-faculty ratio of each program (at the undergraduate, graduate and doctoral levels.) (Please calculate student-faculty ratio for each program by dividing the numbers of undergraduates, graduates and total number of students by the number of full-time faculty respectively.)
5. Elaborate on the recruitment of outstanding faculty in the past 5 years and the effectiveness thereof.
6. Elaborate on strategies, objectives and recruitment of international faculty in the past 5 years.
7. **Books, Equipment, Facilities and Financial Resources**
   * + 1. Elaborate on the number and quality of books and journal resources respectively. (Please indicate the total number of Chinese and English books and the number of books purchased in the past 5 years and provide a list of journals.)
       2. Elaborate on the alignment between the number and quality of journals and teaching research and student needs, along with an assessment of student and faculty satisfaction.
       3. Elaborate on the types, number and uses of main teaching and research equipment and the estimated average number of users for each piece of equipment, along with arrangements for meeting teaching needs as well as plans for procurement of new equipment or improvement to existing equipment. (Fill in Table 3-3.)
       4. Elaborate on the implementation and effectiveness of teaching and research equipment maintenance and management, as well as student and faculty satisfaction therewith.
       5. Elaborate on the use of teaching and research equipment in the Unit. How does the Unit support other units in the university?
       6. Elaborate on the total floor space, allocation and use of the Unit facilities, including offices, classrooms and labs. (Fill in Table 3-4.)
       7. Elaborate on the use of classrooms and labs in teaching activities and evaluate the current status of and planning for each facility in terms of ventilation, lighting and safety.
       8. Elaborate on the amount and expenditure of the budget allocated by the university and grants for research projects or other projects. (Fill in Table 3-5.)
       9. **Table 3-1 List of Current Faculty**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Name** | **Position Title** | **Full-Time/Adjunct** | **Gender** | **Starting Date of Current Position (Y)** | **Highest Degree** | | |
| **School, Department (Institute)** | **Highest Degree** | **Date of Graduation (M, Y)** |
|  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |
| Subtotal: No. of Professors: , Average Age:  No. of Associate Professors: , Average Age:  No. of Assistant Professors: , Average Age:  No. of Lecturers: , Average Age: | | | | | | | |

**Table 3-2 Full-Time Faculty Backgrounds**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Professor** | | **Associate Professor** | | **Assistant Professor** | | **Lecturer** | | **Faculty** |
| **Item** | **Number** | **Percentage** | **Number** | **Percentage** | **Number** | **Percentage** | **Number** | **Percentage** | **Number** |
| **Gender** |  |  |  |  |  |  |  |  |  |
| Male |  |  |  |  |  |  |  |  |  |
| Female |  |  |  |  |  |  |  |  |  |
| **Age** |  |  |  |  |  |  |  |  |  |
| 30-39 |  |  |  |  |  |  |  |  |  |
| 40-49 |  |  |  |  |  |  |  |  |  |
| 50-59 |  |  |  |  |  |  |  |  |  |
| Over 60 |  |  |  |  |  |  |  |  |  |
| **Highest Degree Obtained** |  |  |  |  |  |  |  |  |  |
| Bachelor |  |  |  |  |  |  |  |  |  |
| Master’s |  |  |  |  |  |  |  |  |  |
| Doctor |  |  |  |  |  |  |  |  |  |
| **Location/**  **Country** |  |  |  |  |  |  |  |  |  |
| Taiwan |  |  |  |  |  |  |  |  |  |
| U. S. A. |  |  |  |  |  |  |  |  |  |
| Europe |  |  |  |  |  |  |  |  |  |
| Asia |  |  |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  |  |  |  |
| **Nationality** |  |  |  |  |  |  |  |  |  |
| Taiwan |  |  |  |  |  |  |  |  |  |
| U. S. A. |  |  |  |  |  |  |  |  |  |
| Europe |  |  |  |  |  |  |  |  |  |
| Asia |  |  |  |  |  |  |  |  |  |
| Others |  |  |  |  |  |  |  |  |  |

**Table 3-3 List of Main Teaching and Research Equipment**

|  |  |  |
| --- | --- | --- |
| **Equipment** | **Location** | **Number** |
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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | **No. of Rooms** | **Maximum (m2)** | **Minimum (m2)** | **Average (m2)** | **No. of Users** | **Average Floor Space Per User**  **(m2 )** | **Description of the Use of Facilities**  **(Qualitative or Quantitative)** |
| **Teaching Lab** | |  |  |  |  |  |  |  |
| **Research Lab** | |  |  |  |  |  |  |  |
| **Classroom** | **Depart-**  **ment** |  |  |  |  |  |  |  |
| **Common Area** |  |  |  |  |  |  |  |
| **Faculty Office Space** | |  |  |  |  |  |  |  |
| **Study Room for Graduate Students** | |  |  |  |  |  |  |  |
| **Conference Room** | |  |  |  |  |  |  |  |
| **Library** | |  |  |  |  |  |  |  |
| **Others (Storage Space and Student Lounge, etc.)** | |  |  |  |  |  |  |  |
| **Total No. of Buildings: , Total Floor Space: m2** | | | | | | | | |

**Table 3-4 List of Teaching and Research Facilities**

**Table 3-5 List of Financial Resources for Teaching and Research**

**(Round to the nearest 1000 NTD)**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Type of Financial Resources**  **(University Budget, Grant for Research Project or Project, etc.)** | | **Source of Financial Support** | **Amount (Round to the nearest 1000 NTD)** | **Use of Financial Resources** | | | |
| **Personnel Expense (Round to the nearest 1000 NTD)** | | **Equipment**  **(Round to the nearest 1000 NTD)** | **Others**  **(Round to the nearest 1000 NTD)** |
| **Faculty** | **Assistant and Student** |
| University Budget | 1. |  |  |  |  |  |  |
| 2. |  |  |  |  |  |  |
| 3…. (Please add rows if necessary.) |  |  |  |  |  |  |
| Subtotal: | | |  |  |  |  |  |
| Research Project | 1. |  |  |  |  |  |  |
| 2. |  |  |  |  |  |  |
| 3…. (Please add rows if necessary.) |  |  |  |  |  |  |
| Subtotal: | | |  |  |  |  |  |
| Project | 1. |  |  |  |  |  |  |
| 2. |  |  |  |  |  |  |
| 3…. (Please add rows if necessary.) |  |  |  |  |  |  |
| Subtotal: | | |  |  |  |  |  |
| Others | 1. |  |  |  |  |  |  |
| 2. |  |  |  |  |  |  |
| 3…. (Please add rows if necessary.) |  |  |  |  |  |  |
| Subtotal: | | |  |  |  |  |  |
| **Total**  **(Round to the nearest 1000 NTD)** | | |  |  |  |  |  |

\*The fields under “Use of Financial Resources” can be altered according to the items approved and allocated by each institution/unit.

**iv. Process Evaluation**

1. **Academic Activities**
2. List the names of major international scholars the Unit has invited and related activities in the past 5 years. (Please fill in Table 4-1.)
3. List important international academic activities in which faculty have participated or positions held in international academic organizations in the past 5 years. (Fill in Table 4-2.)
4. List domestic and overseas large and medium-sized academic events held by the Unit in the past 5 years; elaborate on what, if any, regular seminars or talk series the unit has held. (Fill in Table 4-3.)
5. List various research projects the Unit has applied for and executed in the past 5 years, along with a trend analysis. (Fill in Table 4-4.)
6. Indicate methods used to encourage or help faculty to apply for research projects and the effectiveness thereof.
7. Elaborate on advanced study programs for faculty, including regulations, review mechanisms and effectiveness. (Fill in Table 4-5.)
8. Elaborate on methods used to encourage the graduate students and undergraduates of the Unit to participate in research projects and exchanges. Please also indicate the number of students who participated in these activities in the past 5 years in relation to the total number of students.
9. **Enrollment and Counseling**
10. Elaborate on recruitment policies and procedures, the quality of enrolled students and the proportions of students who took a leave of absence, withdrew and transferred from bachelor programs at NTU with the main reasons for these changes. (Fill in Table 4-6.)
11. Elaborate on recruitment policies and procedures, admission rate, quality of enrolled student and proportions of students who took a leave of absence, withdrew and transfer red from Master’s programs at NTU with the main reasons for these changes. (Fill in Tables 4-7 and 4-8.)
12. Elaborate on recruitment of outstanding international students. (Please elaborate on the planning process and implementation of methods and procedures behind scholarships for international students, dual degree and student exchange programs as well as current recruitment results.)
13. Indicate course offerings for freshman and explain what the unit is doing to help students to discover their potential and interests as well as the effectiveness of these efforts.
14. Indicate the unit’s plans relating to student career planning and counseling and the effectiveness thereof.
15. Elaborate on student academic and life counseling.
16. **Teaching and Curriculum**
17. Evaluate the unit’s curriculum planning, including required and elective credits and curriculum integration in each year. (Fill in Table 4-9. and Appendix 1)
18. Elaborate on the implementation of various curriculum reforms. (Evaluation, planning process and implementation)
19. Elaborate on the planning of integrated and deep-learning courses. (Include capstone, “deep-bowl” and co-teaching courses and other curriculum reforms, in this order.) (Deep-bowl courses are designed to help students learn more in their general education courses; they involve longer hours and more credits.)
20. Elaborate on how each course is planned, providing course outline and current results.
21. Elaborate on the planning and effectiveness of experiment and practicum courses.
22. Elaborate on the regulations for current qualifying exams and graduate requirements for graduate students. How well are they being implemented?
23. Elaborate on how advisors instruct graduate students' theses/dissertations? And whether an accountability mechanism is formulated if the topic of thesis/dissertation is inconsistent with the Unit’s discipline? (Fill in Appendix 3)
24. Indicate the number of students in each course (provided by the Office of Academic Affairs, NTU) in the past 3 years and evaluate performance against objectives.
25. Elaborate on the use of teaching aids (teaching assistants and teaching materials).
26. Elaborate on the improvement of teaching and learning software and hardware.
27. Elaborate on what the unit is doing to internationalize teaching and learning, addressing effectiveness. (e.g. English-taught courses and other measures to help enhance student English proficiency as well as the effectiveness thereof.)
28. Indicate what the unit is doing to promote practical courses, industry-academia cooperation and the internship system.
29. Indicate what if any practical courses have been offered by industry experts.
30. Elaborate on the use of the previous evaluation results to enhance teaching quality and the effectiveness thereof.
31. **Service and Promotion**
32. Elaborate on faculty participation in the Unit affairs and the effectiveness thereof as well as distribution of effort between teaching and research and administration.
33. Elaborate on faculty participation in college and university affairs and the effectiveness thereof as well as distribution of effort between teaching and research and administration.
34. Elaborate on faculty support for common courses and courses offered by other departments and the effectiveness thereof as well as distribution of effort between teaching, research and support.
35. Elaborate on the specific results of faculty participation in service courses offered by the university or affiliated institutions as well as the distribution of effort between teaching, research and administration.
36. Elaborate on faculty participation in extension courses. Also state whether the department/institute has held an external professional training program and if so the effectiveness thereof.
37. Provide an overview of the department/institute’s industry-academia cooperation programs in the past 5 years and the effectiveness thereof.
38. Elaborate on faculty and student participation in professional organizations, associations as well as campus and social service activities and the effectiveness thereof. Also state the distribution of effort between teaching, research and social service.

**Table 4-1 Hosting Major International Scholars**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Visiting Scholar Name** | **Home Institution and Academic Background** | **Period of Visit**  **(From M, D, Y to M, D, Y)** | **Content and Result of Academic Activities** | **Host and Co-host** | **Financial Support** |
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**Table 4-2 Full-Time Faculty Participation in International Academic Activities and Positions Held in International Academic Organizations**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Name** | **International Academic Activity** | **Host** | **Period of Going Abroad**  **(From M, D, Y to M, D, Y)** | **Position Held** | **Financial Support** |
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**Table 4-3 Large and Medium-Sized Academic Events Held by the Unit**

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| --- | --- | --- | --- | --- |
| **Academic Event Name** | **No. of Scholars Participating** | **Date** | **Host** | **Funding** |
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**Table 4-4 Successful Application for Research Projects and Degree of Execution**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Research Project** | **Principal Investigator** | **Unit** | **Amount of Funding If Any** | **Period of Execution (From Y, M, D to Y, M, D)** | **Completion Status** |
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**Table 4-5 Training Programs Attended by Faculty and the Effectiveness Thereof**

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| --- | --- | --- | --- | --- | --- | --- |
| **Name** | **Period of training** | **Host Country and Institution** | **Sponsor** | **Funding** | **Teaching years before training program** | **Effectiveness** |
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**Table 4-6** **Cohort Profile※: Numbers of Students Who Enrolled, Took a Leave of Absence, Withdrew, Transferred or Graduated from Bachelor Programs**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Admission** | | **Academic Year** | | | | | | | | |
| **105** | **106** | **107** | **108** | **109** | **110** | **111** | **112** | **113** |
| **No. of Examinees Who Passed the Entrance Examination** | |  |  |  |  |  |  |  |  |  |
| **No. of Examinees Who Passed the Admission Test via Recommendation or Selection** | |  |  |  |  |  |  |  |  |  |
| **Academic Year of Entry** | **Leave** |  |  |  |  |  |  |  |  |  |
| **105** | **No. of Students Who Transferred In** |  |  |  |  |  |  |  |  |  |
| **No. of Students Who Transferred Out** |  |  |  |  |  |  |  |  |  |
| **No. of Students Who Took a Leave of Absence** |  |  |  |  |  |  |  |  |  |
| **No. of Students Who Withdrew** |  |  |  |  |  |  |  |  |  |
| **No. of Transfer Students** |  |  |  |  |  |  |  |  |  |
| **No. of Graduates** |  |  |  |  |  |  |  |  |  |
| **106** | **No. of Students Who Transferred In** |  |  |  |  |  |  |  |  |  |
| **No. of Students Who Transferred Out** |  |  |  |  |  |  |  |  |  |
| **No. of Students Who Took a Leave of Absence** |  |  |  |  |  |  |  |  |  |
| **No. of Students Who Withdrew** |  |  |  |  |  |  |  |  |  |
| **No. of Transfer Students** |  |  |  |  |  |  |  |  |  |
| **No. of Graduates** |  |  |  |  |  |  |  |  |  |
| **107** | **No. of Students Who Transferred In** |  |  |  |  |  |  |  |  |  |
| **No. of Students Who Transferred Out** |  |  |  |  |  |  |  |  |  |
| **No. of Students Who Took a Leave of Absence** |  |  |  |  |  |  |  |  |  |
| **No. of Students Who Withdrew** |  |  |  |  |  |  |  |  |  |
| **No. of Transfer Students** |  |  |  |  |  |  |  |  |  |
| **No. of Graduates** |  |  |  |  |  |  |  |  |  |
| **108** | **No. of Students Who Transferred In** |  |  |  |  |  |  |  |  |  |
| **No. of Students Who Transferred Out** |  |  |  |  |  |  |  |  |  |
| **No. of Students Who Took a Leave of Absence** |  |  |  |  |  |  |  |  |  |
| **No. of Students Who Withdrew** |  |  |  |  |  |  |  |  |  |
| **No. of Transfer Students** |  |  |  |  |  |  |  |  |  |
| **No. of Graduates** |  |  |  |  |  |  |  |  |  |
| **Academic Year of Entry** | **Leave** | **Academic Year** | | | | | | | | |
| **105** | **106** | **107** | **108** | **109** | **110** | **111** | **112** | **113** |
| **109** | **No. of Students Who Transferred In** |  |  |  |  |  |  |  |  |  |
| **No. of Students Who Transferred Out** |  |  |  |  |  |  |  |  |  |
| **No. of Students Who Took a Leave of Absence** |  |  |  |  |  |  |  |  |  |
| **No. of Students Who Withdrew** |  |  |  |  |  |  |  |  |  |
| **No. of Transfer Students** |  |  |  |  |  |  |  |  |  |
| **No. of Graduates** |  |  |  |  |  |  |  |  |  |
| **110** | **No. of Students Who Transferred In** |  |  |  |  |  |  |  |  |  |
| **No. of Students Who Transferred Out** |  |  |  |  |  |  |  |  |  |
| **No. of Students Who Took a Leave of Absence** |  |  |  |  |  |  |  |  |  |
| **No. of Students Who Withdrew** |  |  |  |  |  |  |  |  |  |
| **No. of Transfer Students** |  |  |  |  |  |  |  |  |  |
| **No. of Graduates** |  |  |  |  |  |  |  |  |  |
| **111** | **No. of Students Who Transferred In** |  |  |  |  |  |  |  |  |  |
| **No. of Students Who Transferred Out** |  |  |  |  |  |  |  |  |  |
| **No. of Students Who Took a Leave of Absence** |  |  |  |  |  |  |  |  |  |
| **No. of Students Who Withdrew** |  |  |  |  |  |  |  |  |  |
| **No. of Transfer Students** |  |  |  |  |  |  |  |  |  |
| **No. of Graduates** |  |  |  |  |  |  |  |  |  |
| **112** | **No. of Students Who Transferred In** |  |  |  |  |  |  |  |  |  |
| **No. of Students Who Transferred Out** |  |  |  |  |  |  |  |  |  |
| **No. of Students Who Took a Leave of Absence** |  |  |  |  |  |  |  |  |  |
| **No. of Students Who Withdrew** |  |  |  |  |  |  |  |  |  |
| **No. of Transfer Students** |  |  |  |  |  |  |  |  |  |
| **No. of Graduates** |  |  |  |  |  |  |  |  |  |
| **113** | **No. of Students Who Transferred In** |  |  |  |  |  |  |  |  |  |
| **No. of Students Who Transferred Out** |  |  |  |  |  |  |  |  |  |
| **No. of Students Who Took a Leave of Absence** |  |  |  |  |  |  |  |  |  |
| **No. of Students Who Withdrew** |  |  |  |  |  |  |  |  |  |
| **No. of Transfer Students** |  |  |  |  |  |  |  |  |  |
| **No. of Graduates** |  |  |  |  |  |  |  |  |  |

* **Notes：**

1. **Table 4-6: The information in this table is provided by National Taiwan University.**
2. **The academic year of entry for undergraduates who have delayed graduation should be calculated based on the following formula: 103 (current academic year) – years of study. For instance, the term of study in most bachelor programs is four years so the academic year of entry for undergraduates who delay graduation by one year is 103 (2014-2015) - 4 = 99 (2010-2011) and that for undergraduates who delay graduation by two years is 103 (2104-2015) – (4+1) = 98 (2009-2010) and so on. Please add rows to the table if there is some other exceptional circumstance not covered therein.**
3. **The Cohort Profile data is tabulated to track what in demographics is termed “cohort effects,” where a “cohort” refers to a group of people who form a bond based on common experiences.**

**Table 4-7 Cohort Profile※: Numbers of Graduates Who Enrolled, Took a Leave of Absence, Withdrew, Transferred or Graduates from Master’s Programs**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Admission** | | **Academic Year** | | | | | |
| **108** | **109** | **110** | **111** | **112** | **113** |
| **No. of Registered Candidates** | |  |  |  |  |  |  |
| **No. of Examinees Who Passed the Entrance Examination** | |  |  |  |  |  |  |
| **No. of Examinees Who Passed the Admission Test via Recommendation or Selection** | |  |  |  |  |  |  |
| **Total No. of Students Admitted** | |  |  |  |  |  |  |
| **No. of Enrolled Students** | |  |  |  |  |  |  |
| **Academic Year of Entry** | **Leave** |  |  |  |  |  |  |
| **108** | **No. of Students Who Took a Leave of Absence** |  |  |  |  |  |  |
| **No. of Students Who Withdrew** |  |  |  |  |  |  |
| **No. of Students Who Transferred In** |  |  |  |  |  |  |
| **No. of Graduates** |  |  |  |  |  |  |
| **109** | **No. of Students Who Took a Leave of Absence** |  |  |  |  |  |  |
| **No. of Students Who Withdrew** |  |  |  |  |  |  |
| **No. of Students Who Transferred In** |  |  |  |  |  |  |
| **No. of Graduates** |  |  |  |  |  |  |
| **110** | **No. of Students Who Took a Leave of Absence** |  |  |  |  |  |  |
| **No. of Students Who Withdrew** |  |  |  |  |  |  |
| **No. of Students Who Transferred In** |  |  |  |  |  |  |
| **No. of Graduates** |  |  |  |  |  |  |
| **111** | **No. of Students Who Took a Leave of Absence** |  |  |  |  |  |  |
| **No. of Students Who Withdrew** |  |  |  |  |  |  |
| **No. of Students Who Transferred In** |  |  |  |  |  |  |
| **No. of Graduates** |  |  |  |  |  |  |
| **112** | **No. of Students Who Took a Leave of Absence** |  |  |  |  |  |  |
| **No. of Students Who Withdrew** |  |  |  |  |  |  |
| **No. of Students Who Transferred In** |  |  |  |  |  |  |
| **No. of Graduates** |  |  |  |  |  |  |
| **Academic Year of Entry** | **Leave** | **Academic Year** | | | | | |
| **108** | **109** | **110** | **111** | **112** | **113** |
| **113** | **No. of Students Who Took a Leave of Absence** |  |  |  |  |  |  |
| **No. of Students Who Withdrew** |  |  |  |  |  |  |
| **No. of Students Who Transferred In** |  |  |  |  |  |  |
| **No. of Graduates** |  |  |  |  |  |  |

* **Notes：**

**1. Table 4-7: The information in this table is provided by National Taiwan University. The unit under evaluation with the Mid-Career Master Program please contacts Office of Academic Affairs to obtain related data.**

**2. Please add rows to the table if there is some other exceptional circumstance not covered therein.**

**3. The Cohort Profile data is tabulated to track what in demographics is termed “cohort effects,” where a “cohort” refers to a group of people who form a bond based on common experiences.**

**Table 4-8 Cohort Profile※: Numbers of Students Who Enrolled, Took a Leave of Absence, Withdrew, Transferred or Graduated from Doctoral Programs**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Admission** | | **Academic Year** | | | | | | | | |
| **105** | **106** | **107** | **108** | **109** | **110** | **111** | **112** | **113** |
| **No. of Registered Candidates** | |  |  |  |  |  |  |  |  |  |
| **No. of Examinees Who Passed the Entrance Examination** | |  |  |  |  |  |  |  |  |  |
| **No. of Examinees Who Passed the Admission Test via Recommendation or Selection** | |  |  |  |  |  |  |  |  |  |
| **Total No. of Students Admitted** | |  |  |  |  |  |  |  |  |  |
| **No. of Enrolled Students** | |  |  |  |  |  |  |  |  |  |
| **Academic Year of Entry** | **Leave** |  |  |  |  |  |  |  |  |  |
| **105** | **No. of Students Who Took a Leave of Absence** |  |  |  |  |  |  |  |  |  |
| **No. of Students Who Withdrew** |  |  |  |  |  |  |  |  |  |
| **No. of Students Who Transferred In** |  |  |  |  |  |  |  |  |  |
| **No. of Graduates** |  |  |  |  |  |  |  |  |  |
| **106** | **No. of Students Who Took a Leave of Absence** |  |  |  |  |  |  |  |  |  |
| **No. of Students Who Withdrew** |  |  |  |  |  |  |  |  |  |
| **No. of Students Who Transferred In** |  |  |  |  |  |  |  |  |  |
| **No. of Graduates** |  |  |  |  |  |  |  |  |  |
| **107** | **No. of Students Who Took a Leave of Absence** |  |  |  |  |  |  |  |  |  |
| **No. of Students Who Withdrew** |  |  |  |  |  |  |  |  |  |
| **No. of Students Who Transferred In** |  |  |  |  |  |  |  |  |  |
| **No. of Graduates** |  |  |  |  |  |  |  |  |  |
| **108** | **No. of Students Who Took a Leave of Absence** |  |  |  |  |  |  |  |  |  |
| **No. of Students Who Withdrew** |  |  |  |  |  |  |  |  |  |
| **No. of Students Who Transferred In** |  |  |  |  |  |  |  |  |  |
| **No. of Graduates** |  |  |  |  |  |  |  |  |  |
| **109** | **No. of Students Who Took a Leave of Absence** |  |  |  |  |  |  |  |  |  |
| **No. of Students Who Withdrew** |  |  |  |  |  |  |  |  |  |
| **No. of Students Who Transferred In** |  |  |  |  |  |  |  |  |  |
| **No. of Graduates** |  |  |  |  |  |  |  |  |  |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Academic Year of Entry** | **Leave** | **Academic Year** | | | | | | | | |
| **105** | **106** | **107** | **108** | **109** | **110** | **111** | **112** | **113** |
| **110** | **No. of Students Who Took a Leave of Absence** |  |  |  |  |  |  |  |  |  |
| **No. of Students Who Withdrew** |  |  |  |  |  |  |  |  |  |
| **No. of Students Who Transferred In** |  |  |  |  |  |  |  |  |  |
| **No. of Graduates** |  |  |  |  |  |  |  |  |  |
| **111** | **No. of Students Who Took a Leave of Absence** |  |  |  |  |  |  |  |  |  |
| **No. of Students Who Withdrew** |  |  |  |  |  |  |  |  |  |
| **No. of Students Who Transferred In** |  |  |  |  |  |  |  |  |  |
| **No. of Graduates** |  |  |  |  |  |  |  |  |  |
| **112** | **No. of Students Who Took a Leave of Absence** |  |  |  |  |  |  |  |  |  |
| **No. of Students Who Withdrew** |  |  |  |  |  |  |  |  |  |
| **No. of Students Who Transferred In** |  |  |  |  |  |  |  |  |  |
| **No. of Graduates** |  |  |  |  |  |  |  |  |  |
| **113** | **No. of Students Who Took a Leave of Absence** |  |  |  |  |  |  |  |  |  |
| **No. of Students Who Withdrew** |  |  |  |  |  |  |  |  |  |
| **No. of Students Who Transferred In** |  |  |  |  |  |  |  |  |  |
| **No. of Graduates** |  |  |  |  |  |  |  |  |  |

* **Notes：**

1. **Table 4-8: The information in this table is provided by National Taiwan University.**
2. **Add rows to the table if some other exceptional circumstances are not covered therein.**
3. **The Cohort Profile data is tabulated to track what in demographics is termed “cohort effects,” where a “cohort” refers to a group of people who form a bond based on common experiences.**

**Table 4-9 List of Course Offerings and Adjustments This Academic Year**

|  |  |
| --- | --- |
| **Category** | **Course Offerings and Adjustments**  **(Strengths, Weaknesses and Self-Improvements Based on the Previous Evaluation)** |
| Required Courses |  |
| Elective Courses |  |
| Common Courses |  |
| Inter-Departmental/College/Campus Courses |  |
| Other Courses |  |

**Table 4-10 Overview of Participation of Teaching and Research Evaluation Committee Members in Evaluation-Related Workshops**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Starting Date**  **(M, D, Y)** | **Course/Workshop** | **Institution** | **Hours** |
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**v. Product Evaluation**

1. **Faculty Teaching and Research Results in the Past 5 Years**
2. Elaborate on the results of faculty evaluations and their effectiveness in enhancing teaching quality.
3. Indicate academic research innovations and contributions.
4. Elaborate on research results and publications and articles published in SSCI and SCI-listed journals, including a trend analysis. Compare achievements with the Unit’s objectives. (Please attach a list of journal articles and monographs in English/Chinese presented by each faculty member in the past 5 years and fill in Table 5-1.)
5. Elaborate on international teaching exchange and cooperation activities such as lectures, internships, collaborative teaching, common programs, alliances and collaborative research projects.
6. List domestic and overseas academic awards won by faculty. (Fill in Table 5-2.)
7. Provide an analysis of the types, number and financial scope of industry-academia cooperation programs.
8. Elaborate on the effectiveness of research results and patented technologies in society and business. (Please specify the contribution.)
9. **Student Performance**
10. The effectiveness of student learning and research participation.
11. Evaluate the effectiveness of specialized courses to meet student learning needs.
12. Elaborate on student participation in academic competitions as well as awards won, both on and off campus. (Fill in Table 5-3.)
13. Elaborate on student participation in varsity and extra-varsity activities as well as awards won. (Fill in Table 5-3.)
14. **Alumni Career Tracking and Counseling**
15. Indicate the response rate on the alumni career pathway questionnaire in the past 5 years.
16. Assess to what extent the Unit educational objectives are being met in terms of alumni professional competency and employment status.
17. Elaborate on alumni performance at school and on the job.
18. Elaborate on the match between what alumni have learned in school and what they do on the job.
19. Elaborate on whether and how the unit stays in contact with alumni to carry out career tracking.
20. Elaborate on what the Unit has done to collect opinions/suggestions from alumni and relevant institutions or staff, such as employers, communities and parents. Also state what the unit is doing to improve the collection of such opinions or suggestions.
21. **Development**
22. Evaluate the alignment between the current development of the Unit and society’s needs. Does the Unit need to change or integrate with other departments, institutes and degree programs?
23. Elaborate on the effectiveness of the Unit at the college, university and social levels.
24. Elaborate on the differences between the results of the previous evaluation and the current evaluation and indicate areas for innovation and improvement.
25. Elaborate on improvement planning and strategies. (Please elaborate on main problems, issues requiring assistance from the university administration, as well as an improvement plan.)

**Table 5-1 Academic Research Results by Faculty in the Past 5 Years**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Item** | **Professor** | **Associate Professor** | **Assistant Professor** | **Lecturer** | **Total** | **Average** |
| **Monographs** |  |  |  |  |  |  |
| **Academic Journal Articles** |  |  |  |  |  |  |
| **Patents** |  |  |  |  |  |  |
| **Conference Proceeding Articles** |  |  |  |  |  |  |
| **Research Project Reports** |  |  |  |  |  |  |

**Table 5-2 List of Awards for Excellence in Academic Research or Teaching Won by Faculty**

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| --- | --- | --- | --- |
| **Award** | **Granting Institution** | **Recipient** | **Period of Award** |
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**Table 5-3 Overview of Student Awards (Domestic or Overseas)**

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| --- | --- | --- | --- |
| **Award** | **Granting Institution** | **Recipient** | **Period of Award** |
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**Appendix 1 List of Faculty Areas of Research and Teaching**

| **Name** | **Position Title** | **Research Area** | **Course Taught** |
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**Appendix 2-1 List of Academic Articles/Monographs/Exhibitions or Performances** **in the Past 5 Years**

**A. Journal Article or Monograph Chapter**

| **Name** | **Publication Date** | **Title of Article** | **Title of Periodical/ Volume** | **Authorship** |
| --- | --- | --- | --- | --- |
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**B. Monograph**

| **Name** | **Publication Date** | **Title** | **Reviewer, Publisher and ISBN (or Registration No. of the Publisher)** |
| --- | --- | --- | --- |
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**C. Exhibition/ Performance**

| **Name** | **Publication Date** | **Title of Exhibition/Performance** | **Location** |
| --- | --- | --- | --- |
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**Appendix 2-2 List of Influential Academic Articles/Monographs/Exhibitions or Performances/Patents in the Past 5 Years**

**A. Journal Article or Monograph Chapter**

| **Name** | **Publication Date** | **Title of Article** | **Title of Periodical/ Volume** | **Authorship** |
| --- | --- | --- | --- | --- |
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**B. Monograph**

| **Name** | **Publication Date** | **Title of Book** | **Reviewer, Publisher and ISBN (or Registration Number of the Publisher)** |
| --- | --- | --- | --- |
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**C. Exhibition/Performance**

| **Name** | **Publication Date** | **Title of Exhibition/Performance** | **Location** |
| --- | --- | --- | --- |
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**D. Patent**

| **Patent Name** | **Issue Date/Publication Date/Filing Date** | **Inventor/Applicant/Agent** | **Application Number** | **Applicant Country** | **Claim** | **Term (Start/End)** |
| --- | --- | --- | --- | --- | --- | --- |
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**Appendix 3 Faculty Supervision of Graduate Theses**

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| --- | --- | --- |
| **Faculty Name** | **Graduate Name** | **Thesis Topic** |
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| Subtotal: No. of graduate student advisees: | |
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| Subtotal: No. of graduate student advisees: | |
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| Subtotal: No. of graduate student advisees: | |
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| Subtotal: No. of graduate student advisees: | |