**DEPARTMENT OF MATERIALS SCIENCE AND ENGINEERING, NATIONAL TAIWAN UNIVERSITY**

**Recommended Schedule of Study for Doctoral Students**

Finalized in the 3rd Department Meeting of Academic Year 2024–2025, June 2, 2025

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| Time Frame | Milestones | Description |
| Year 1–2 | Fulfill course requirements. | Refer to the website of Office of Academic Affairs, National Taiwan University for required courses and minimum number of credits for doctoral degree programs. Refer to “Department of Materials Science and Engineering, National Taiwan University’s Regulations for the Doctoral Program Qualification Examination” for descriptions of course requirements for exempting qualification examination. |
| Year 2 | Pass qualification examination. | According to the “Department of Materials Science and Engineering, National Taiwan University’s Regulations for the Doctoral Program Qualification Examination,” doctoral students must pass the qualification examination within 4 semesters after enrollment. |
| Year 3–4 | 1. Submit 1–3 manuscripts to journal(s) indexed in the Science Citation Index Expanded (SCIE). 2. Pass research proposal defense. | According to the “Department of Materials Science and Engineering, National Taiwan University’s Regulations for the Doctoral Program Qualification Examination,” doctoral students must pass the research proposal defense at least six months prior to taking the doctoral thesis defense. |
| Year 4–5 | 1. Publish 1–3 papers in journal(s) indexed in the Science Citation Index Expanded (SCIE). 2. Pass doctoral thesis defense. 3. Apply for graduation. | 1. In addition to the above-mentioned requirement, doctoral students must meet one of the requirements below on peer-reviewed publication to qualify for taking the doctoral thesis defense:    1. Publish 1 paper as the first author in a journal ranked in the top 15% of a MSE-related category by Journal Citation Reports™.    2. Publish 2 papers in journal(s) ranked in the top 40% of a MSE-related category by Journal Citation Reports™, with a first-authorship on at least one of the papers.    3. Publish 3 papers in journal(s) indexed in the Science Citation Index Expanded (SCIE), with a first-authorship on at least one of the papers. 2. Apply for thesis defense in accordance with “National Taiwan University’s Rules Governing Thesis Defense.” 3. Refer to the university’s regulations regarding graduation and the “Department of Materials Science and Engineering, National Taiwan University’s Regulations for the Doctoral Program Qualification Examination.” |