

114/8/12	校課程委員會審議通過
114/8/1	院課程委員會審議通過
114/7/28	系課程委員會審議通過

畢業最少應修 148 學分。

2. 大三必修「實習前職場素養訓練」，大三必修「工讀實務實(一)(四)」及「工讀自學英文」共 19 學分。

3. 每學期選課上限為 27 學分，大一至大二選課上限為 16 學分，大三、四選課下限為 9 學分。

4. 三上課程採取通縮方式(原一週授課時數三小時的課程變更為一週授課四小時)授課。

5. 必修總學分(二)：體育四門，於大二至大四，採異選題組教學。

6. 學生應修滿一個領域專業課程或是第三專業課程，始得畢業。若選修院專業必修「領域核心專業課程」，可申請替代專業必修之「專題製作」課程。

7. 院專業必修 13 學分，系專業必修 41 學分，通選課修至少 5 學分(五選二)，其中四選四占 2 學分，院專業必修 13 學分，系專業必修 40 學分，專業選修應至少 46 學分，合計 148 學分；已修畢大二專業分學期課程領域專業分學期外系學分，計作為系專業選修學分。

8. 系專業選修分為精密機械核心課程模組(模組A)、智慧製造領域專業分學期課程(模組B)、機械設計課程模組(模組C)、3D列印課程模組(模組D)。其中精密機械核心課程模組(模組A)至少需修習6門課程，其他模組任選。修習機械系其他兩班之專業選修，最多6學分，計作為系專業選修學分。

9. 修習本系榮譽學程學生，「特色專業(一)(二)」，「科技英文簡報與表達」和「科技英文閱讀與聽力訓練(一)(三)」為必選，但英文多益成績達標準者(700分)可免修「科技英文閱讀與聽力訓練(一)(三)」。

10. 依大學部學則規定畢業應通過系專業能力畢業門群，詳細請見「機械工程系專業能力畢業門群及輔導要點」。

11. Students must obtain at least 148 credits before graduating.

12. Students must take "Professional Prior to Practical Training" in the first semester of their 3-year, "Curricular Practical Training I-IV" and "Self-Study English During Vocational Practice" in the second semester, totaling 19 credits.

13. For each semester, course taken may not exceed 27 credits. Freshmen (1st year) and sophomores (2nd year) must take courses with at least 16 credits. Juniors (3rd year) and seniors (4th year) must take courses with at least 9 credits.

14. During the first semester of the third year, study period will be condensed (lectures that originally took 3 hours a week will be extended to 4 hours a week).

15. The elective courses "Physical Education III" and "Physical Education IV" are offered based on students' interests from sophomore to senior.

16. Students must complete either an interdisciplinary program or a second-specialization program as one of the graduation requirements. If taking the "Interdisciplinary capstone course" from college's elective courses, students can apply to replace the "Special Projects" from Department Professional Compulsory courses.

17. Minimum Graduation Credits Requirement: For students who have completed the second major credit program/interdisciplinary credit program, the minimum graduation credit structure is adjusted as follows: 41 credits from common compulsory courses, at least 8 credits from general education elective courses (from five categories, selecting any four categories, 2 credits each), 13 credits from college compulsory courses, 40 credits from department compulsory courses, and at least 46 credits from department elective courses, making 148 credits in total. Credits obtained from the interdisciplinary or the second-specialization program will be counted as credits from department elective courses.

18. The department's elective courses are divided into the following modules: Precision Machinery Core Courses Module (Module A), Smart Manufacturing Interdisciplinary Credit Program Module (Module B), Mechanical Design Courses Module (Module C), and 3D Printing Courses Module (Module D). Among these, at least 6 courses must be taken from the Precision Machinery Core Courses Module (Module A), while the other modules can be chosen freely. A maximum of 6 credits from the professional electives of other classes will be counted as department elective credits.

19. Honor program students who enroll to this department must take the following courses as mandatory courses: "Senior Capstone Project I - II", "Scientific Presentation in English", and "Technical English: Reading and Listening I-V." Those who have gained TOEIC score of 700 or more may skip "Technical English: Reading and Listening I-V."

20. According to "Academic Regulations for Undergraduate Studies", students must pass the department's professional competency threshold. For details, please refer to "Graduation Requirements for Professional Ability and Guidelines for Students in Department of Mechanical Engineering".