**Department of Materials and Optoelectronic Science**

**Checklist before Graduation for Undergraduate Students**

**Student ID: \_\_\_\_\_\_\_\_\_\_\_\_ Name: \_\_\_\_\_\_\_\_\_\_\_\_**

**Procedures：**

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| **Sequence** | **Details** | **Person in charge** |
| **1** | **Fill out the questionnaire of MOES Department****填寫材光系離校問卷** |  |
| **2** | **Return all the MOES belongings歸還系上相關事物****Access card for the MOES building**門禁卡**:**** No borrowing**無借用** Have borrowed**有借用**Deposit refund NT$ 100** 退還押金$100**Recipient**收款人**:**  |  |
| **3** | **If you have ever participated in any student clubs and service activities inside and outside the university, please fill in the club/activity name and period of participation.****在校期間是否曾經參加過的社團及校內外服務活動 (如:營隊服務、輔導工作等)**** No participation**無參加** Yes. Club/activity name:**   **Period of participation:**   |

 **[Contact after graduation畢業後連絡方式]**

Mailing address:

Tel. number (Home):

Mobile phone:

E-mail:

Work place or study school工作地點或考上學校:

Job title職稱:

**Date of Applying departure from University辦理離校日期: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**(Filled by the person in charge/由系承辦人填寫)**

**MOES Graduation Questionnaire for Undergraduate Students**

 Date:

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| 1. Agree on your recognition of the educational goals of the department. (please check)
 | Fully Agree AgreeFairDisagreeFully Disagree |
| **(1) Professional knowledge and skills:**    Cultivate understanding, analysis and problem solving of basic theory of material science and optoelectronic engineering, having the ability to continuously developing and learning in relevant professional fields.**(2) Ability of independent thinking and research:**    Develop the ability to further study in materials, optoelectronics or related fields.**(3) Teamwork and engineering ethics:**    Cultivate the ability to implement engineering practice and technology integration, recognize social and engineering ethics, so as to have the ability of being team leaders.**(4) Ability to serve the society:**    Cultivate ethical awareness, social responsibility and professional skills, and be able to become responsible citizens and leaders in their work positions.**(5) International perspectives:**     Cultivate and absorb the latest international information, improve foreign language skills, and have the ability to cooperate with international teams. | * □ □ □ □
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| 1. Regarding your current state, what is the importance of the core abilities cultivated by the department? (Please check)
 | Very Important ImportantFairLess RelevantNot Relevant |
| 1. Ability to have knowledge of calculus, engineering mathematics, engineering statistics, physics, chemistry, materials and optoelectronic engineering.
2. Ability to design general physics and general chemistry experiments, to operate instruments, and to analyze data.
3. Possess analysis principles of material structure, microstructure and optoelectronic property, as well as knowledge of relevant technologies and instruments.
4. Possess knowledge of the manufacturing process of metals, ceramics, polymers, electronic materials and optoelectronic devices.
5. Capable of grouping experiments, co-producing research projects, and composing teams to participate in academic or sport competitions on and off campus.
6. Through the research project or thematic reports in class, cultivate the ability to search, to analyze, and to solve problems.
7. Provide relevant current reports and new knowledge of materials and optoelectronic technology on the department's website, in order to enable students fully understanding on the relevant global information.
8. Understand the relevant knowledge of materials’ properties and reliability, in order to understand the hazards that may be caused by poor materials and the related issues in materials, energy, and environmental sustainability.
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| 1. What is your perception of the correlation between the effectiveness of students’ core competence development and curriculum design? (please check)
 | Correlation of Curriculum Design |
| --- | --- |
| Fully Disagree | Disagree | Fair | Agree | Fully Agree |
| 1. Ability to have knowledge of calculus, engineering mathematics, engineering statistics, physics, chemistry, materials and optoelectronic engineering.
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| 1. Ability to design general physics and general chemistry experiments, to operate instruments, and to analyze data.
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| 1. Possess analysis principles of material structure, microstructure and optoelectronic property, as well as knowledge of relevant technologies and instruments.
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| 1. Possess knowledge of the manufacturing process of metals, ceramics, polymers, electronic materials and optoelectronic devices.
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| 1. Capable of grouping experiments, co-producing research projects, and composing teams to participate in academic or sport competitions on and off campus.
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| 1. Through the research project or thematic reports in class, cultivate the ability to search, to analyze, and to solve problems.
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| 1. Provide relevant current reports and new knowledge of materials and optoelectronic technology on the department's website, in order to enable students fully understanding on the relevant global information.
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| 1. Understand the relevant knowledge of materials’ properties and reliability, in order to understand the hazards that may be caused by poor materials and the related issues in materials, energy, and environmental sustainability.
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