

Undergraduate Program of Electro-Optical Engineering

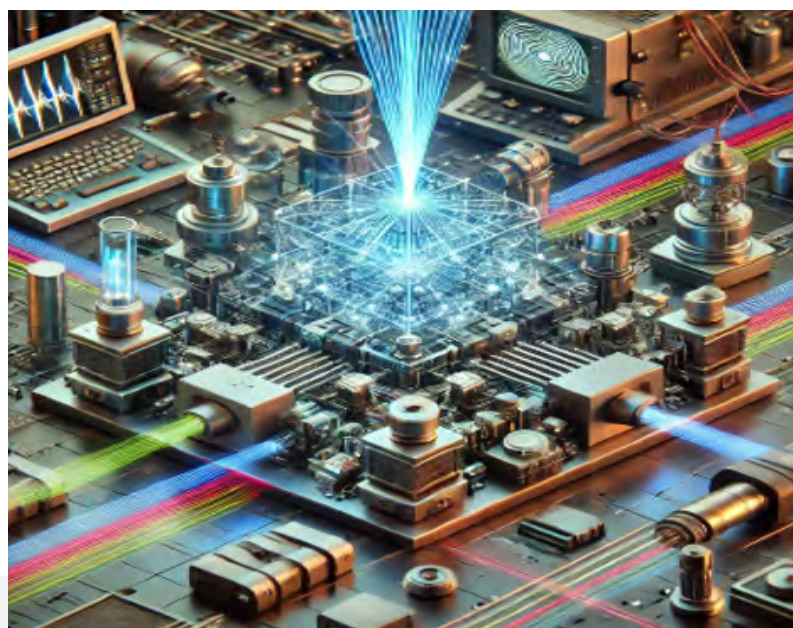
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Introduction

National Taiwan Normal University (NTNU) established the Graduate Institute of Electro-Optical Science and Technology (IEO) M.S. Program in 2001 under the College of Science, followed by the Ph.D. Program in 2005. The Undergraduate Program of Electro-Optical Engineering (UPEOE) was established in 2018 which provides the undergraduate Program under the College of technology and engineering.

UPEOE offers a wide range of university-level training programs, from general courses in photonic/optics to independent researches. Through them, students are cultivated to have the abilities for developing independent research with teamwork leadership. The students are encouraged to keep subsequently studying at the graduate institutes or start working in the related industries, and they all exhibit outstanding performances.



Instructional Objectives

1. Cultivate professionals in optoelectronic technology to meet the needs of society.
2. Develop students' ability to think independently and lay the foundation for lifelong learning.
3. Cultivate students' professional ethics attitude, have an international outlook and a belief in serving the society.

Degree Requirements

Required courses		Elective courses		Minimum Total Credits for Graduation
Common Courses Credit(s)	Required Credit(s)	Elective Credit(s)	Free Elective Credit(s)	
32	53	22	21	128



Feature of the Curriculum

Our curriculum is designed in the development trend of the industry and the demand of the optoelectronic industry, and aims to meet the needs of the industry by research and development of high-tech application technology.

Development

Our students have many options for career development.

1. Industry opportunities: After graduation, he or she can work as a photoelectric engineer in a private company or a public company. Major employers include Epi star, AUO, etc.
2. Teaching opportunities: Students may take courses offered by the department for accreditation to teach physics or teach in vocational high schools of various disciplines.
3. Studying for a master's degree: Institute of Electro-Optical Engineering (IEO) at NTNU, or Institute of Optoelectronics at Taiwan and abroad.

