AI 資訊學群超夯 碩士班報考人數激增

文／秘書處公共關係組

Surging Interest in AI Information Science Cluster Fuels Master's Program Applications at NYCU

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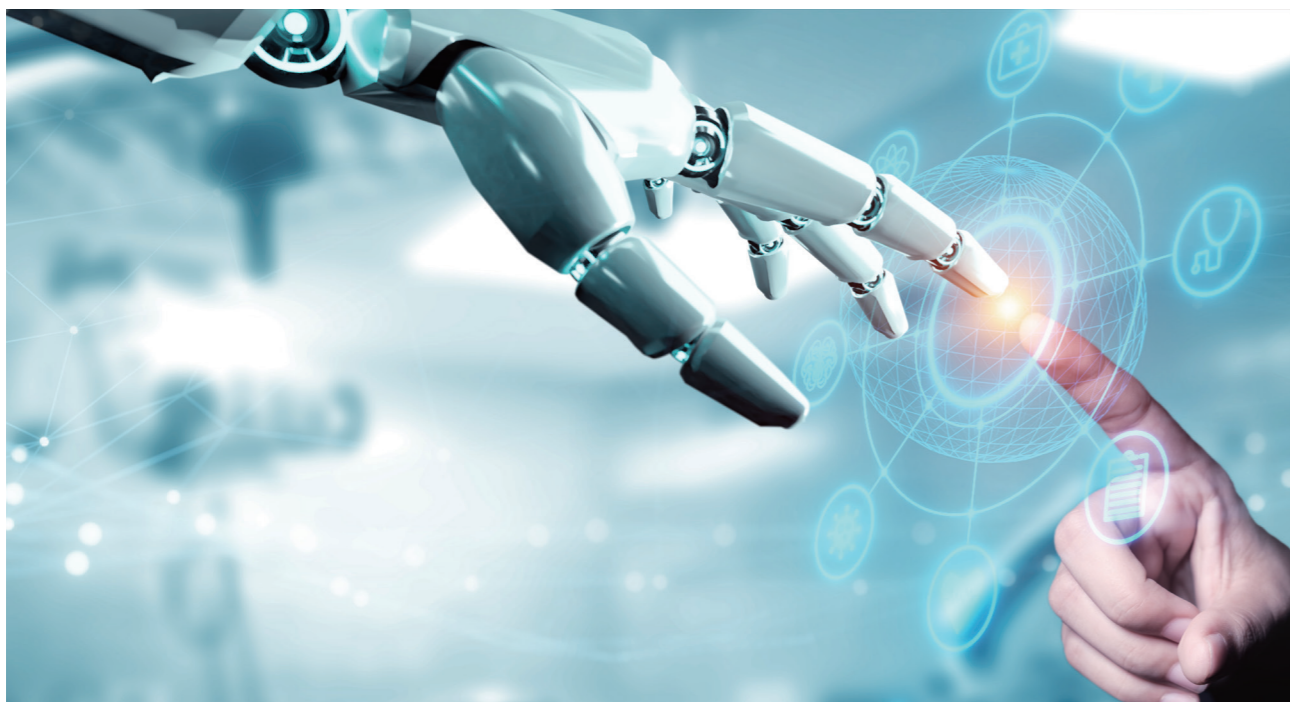

資訊電子與半導體領域持續是年輕學子競相投入的領域，甫結束報名的陽明交大碩士班，本院研究所報考人數激增，不但凸顯出當今的就學趨勢，也顯示在這波 AI 與半導體浪潮下，陽明交大持續在該領域中領先並受學生青睞。

陽明交大教務長陳永昇教授說明，113 學年度碩士班甄試入學報名人次由 112 學年的 11890 人增加至 13319 人，增幅達 12%，為頂尖大學之冠；考試入學報名人次由 112 學年的 7916 人增加至 9156 人，增幅更是高達 15.66%。進一步分析，最為熱門的資工領域系所增加人數尤其顯著，資訊聯招的錄取率僅有 5.56%，競爭非常激烈。

陳永昇教務長進一步指出，104 人力銀行本月 2 日甫發布《2024 景氣展望大調查》。受調查的企業中有 58.4% 最看好 AI 題材。此外，AI 資訊領域平均月薪最高，近 5 年工作機會成長

29%，其中又以軟體設計、演算法開發、韌體設計工程師為需求大宗。以上調查反映出在當今 AI 時代，與資訊科技相關的職業在就業市場中需求旺盛。除資訊領域外，電機、電子、電控，以及半導體領域研究所報名也廣受學生喜愛，原因可能為陽明交大相關領域研究所數量多，量體大、招生名額多，造成群聚效應，也提高考生報名多個研究所的意願。

陽明交大資訊學院陳志成院長表示，資訊領域涵蓋非常廣，有些領域需要很好的數學基礎，有些則需要動手做的能力，除了皆須具備良好的邏輯思考能力，更重要的是要具備熱愛學習新事物的人格特質。陽明交大資訊領域擁有全國最多、超過 70 名的師資，研究方向涵蓋各領域，不管是修課或研究指導，都可以找到最適合自己的方向。

The National Yang Ming Chiao Tung University (NYCU) in Taiwan is experiencing a remarkable surge in applications for its master's programs, particularly within the AI Information Science Cluster. The university's recent enrollment period witnessed a significant uptick in interest across various fields such as electrical engineering, electronics, electrical control, computer science, intelligent systems, and frontier semiconductor research institutes. This surge not only reflects current educational trends but also underscores NYCU's leadership in the face of advancing AI and semiconductor technologies, making it a top choice among students.

Professor Chen Yong-sheng, the Vice President of Academic Affairs at NYCU, explained that the two-stage admission process for the master's program has shown impressive growth. The first stage, involving applications, experienced a 12% increase, solidifying NYCU's standing as a leading institution in Taiwan. The second stage, by entrance examination, witnessed an even more substantial growth of 15.66%. Notably, the field of computer science stood out with a highly competitive admission rate of only 5.56%.

Chen Yong-sheng highlighted the findings from the "2024 Economic Outlook Major Survey" released by the "104 Job Bank." Among the surveyed companies, 58.4% expressed optimism towards AI-related topics.

The AI information sector stands out with the highest salary, and job opportunities in this sector have grown by 29% over the past five years. In-demand roles include software design, algorithm development, and firmware design engineers.

This survey underscores the high demand for professions related to information technology in the current AI era. Beyond the information sector, enrollment in research institutes related to electrical engineering, electronics, electrical control, and semiconductor fields is also popular among students. The abundance of research institutes at NYCU, offering a multitude of positions, has created a clustering effect, increasing candidates' willingness to apply to multiple research institutes.

Professor Chen Jyh-cheng, Dean of the College of Computer Science at NYCU, was very pleased to see the strong admission standards. He emphasized the diversity of the information technology field covers some areas requiring a strong foundation in mathematics, while others demand hands-on skills. Beyond technical expertise, a passion for learning new things is crucial. NYCU's information technology field boasts the largest faculty in the country covering various research directions. This ensures that students can find the most suitable direction for their coursework or research guidance.