

## 達姆施塔特工業大學返國心得

### 26-1 學校簡介

達姆施塔特工業大學 (TU Darmstadt) 是位於德國黑森邦達姆城的一所工業大學，雖然不是我們耳熟能詳的學校，但 TU Darmstadt 在德國人的眼裡也是一所理工方面聞名的大學。以地理位置來看，TU Darmstadt 位於德國中間稍微偏下方，距離有機場的法蘭克福約 30 分鐘車程，算是前往各地都非常方便的位置。交通也不成問題，不管你在學校的哪個宿舍都會有通往校區的公車，也能直接前往火車站，只要學期初付完約 270 歐左右的交通費即可免費搭乘美因河畔各城市的大眾交通工具。

### 26-2 國外研修之課程學習 (課內)

學期初會強制參加密集德文課程，一個禮拜上五天課維持約 1 個月，雖然速度稍微快了一點，但也能逼著我們每天讀書，增進德文能力，而且也能夠在一個月內得到學分。

上完密集課程後就開始選擇自己想選擇的課了，雖然課程有全英以及全德，但全英的課程相對來說少了許多，讓我們在選課上無法隨心所欲，特別注意某些課想要得到學分必須要將相關課程全部修習。由於 Corona Virus 的影響，讓我的課程都變成線上上課，以下是我曾修習的課程。

#### Basic German :

為了增進德文能力我除了一開始的密集課程外還另外修了正式的德文課，這堂課老師非常友善，讓我在學習過程中沒有感到太多壓力，但有些上課內容沒有講解得太仔細，需要再自己熟讀。課堂上老師常常會讓我們回答問題，除了確認我們的學習狀態之外，也讓我們能夠有許多機會說出德語，分組討論也是這堂課的常態，讓我們學習之餘也能和其他學生互動。

#### Economic Assessment Method :

這堂課主要在講述工程建設成本以及利潤的預測，一般上課方式沒有甚麼特別的地方，就是老師利用 PPT 講課。由於這堂課有一個小組報告，因此我就這樣第一次和外國人變成組員，過程中最大的困難就是溝通了，由於我的英文並沒有那麼優秀，有時候會不太了解討論內容，但組員們也相當體諒我，一波三折下也成功完成了作業。我對這堂課最大的遺憾就是當初不了解學分計算方式，導致我沒有修習配套的課程無法取得學分。

## Electrochemistry :

這是我上的最辛苦的課，由於之前沒有接觸過這種有許多專有名詞的英語課程，讓我上起課來相當痛苦，一開始相對簡單易點的內容還可以在課後問老師並且自己努力理解，但隨著難度增加我實在是無法跟上，最後在相當的掙扎下放棄了期末考試。

### 26-3 國外研修之生活學習（課外）

其實原本學校安排了交換生許多課外活動，但由於疫情關係取消了很大一部分，之後有來達姆的同學可以期待這部分。

生活方面達姆算是讓人不太需要煩惱，在我住的宿舍 Karlshof 附近就有一家超市 Rewe，生活用品幾乎可以在那裡解決。由於德國外食實在是太貴了，煮飯變成了這裡交換生的常態，即使本來的我不太會煮飯，來到德國後也能努力不讓自己餓著，德國比台灣優秀的一點就是每間宿舍都會有廚房，不必擔心不能生火。在消費方面學校附近即有一個叫做 Luisenplatz 的商圈，雖然因為是小城市不像其他大城市有許多選擇，但也能夠讓我閒暇時好好逛逛了。

不知道是不是學校的意思，來到達姆的交換生通常都換安排和非交換生住在一起，也就是會有很多時間得和外國人相處，我宿舍的格局是總共 4 個房間，房間外共用兩組衛浴以及廚房，生活上由於是和不太熟悉的人住一起，勢必不能太放縱，也許會遇到有潔癖的室友，也有些不會管太多，熟悉這些就是住在這的一大功課。

溝通方面在這裡最好還是能會一點德語，不用到非常厲害，只要能會一些生活用語就比完全不會德與要好得多，在這大部分的店家是不懂英文的，這時我們會的那一點點德語就能幫上忙，還不太熟悉的我一開始可以說是四處碰壁，從到銀行轉學期費開始就遇到各種溝通障礙，到後期稍微熟悉德文後才慢慢好轉。

### 26-4 交換/研修之具體效益

1. 稍微增進英語及德語能力：上課用英語下課用德語這樣的模式讓我們能夠增加兩者能力。

2. 增強獨立能力：從學期開始前各種開戶、保險、廣電費的處理讓人心煩，卻也增加處理事情的能力。生活方面自己餵飽自己也讓人提升了許多廚藝經驗值。

3. 增加國際視野：看看不同於台灣的人文，體驗文化差異，了解各方優缺點。

4. 旅行：雖然因為 Corona 的關係不能去很多地方，但看看自己附近的各種景點也別有一番風味。

## 26-5 感想與建議

This is definitely a special experience. There is not that much opportunity to exchange during a severe disease epidemic. Although there is disease, I can still live well in Germany. Food can easily be bought in supermarkets. If I want to go outside, I can still go to some places near me, just remember to wear the mask. Losing some fun is true, but I still experience many other things.

The most annoying thing is there are so many fees. We have to pay the semester fee of about 270 Euro to get the semesterticket, though this is not that bad because we can take the bus and train in a specific area. However I am still a little angry about it because I didn't know I had to pay this until I arrived in Germany. And the Accommodation and the insurance fees are so expensive compared with Taiwan. The most ridiculous fee is the radio fee. Even though we don't use any radio or TV in our dorm, we still have to pay for it. Other expenses can be cheaper, you can eat at the restaurant in the university at a good price at midday and buy something cheap to cook for dinner.

Talking to the study, I think the course here doesn't tell much details and there is a lot of content in one class. Students here have to spend much more time studying. When I was doing the group homework, I found that the homework here is much more complicated, we have to do so much work to finish it. However my group mates are a little bit annoying at times. When we had already made the time to discuss, there was always one person who would be late. And they can easily change the plan in a sudden without any time to let me prepare. However they still take good care of me in other aspects.

Exchange is a really good experience. I can leave my original life and see something different. Staying abroad alone can really make me think a lot. Maybe I didn't get the answer to some questions, however the important thing is that I think about it. Before the exchange I didn't consider that I would be independent. Because the Corona my friends leave Europe and go back to Taiwan. I am sad at the beginning, but I learned something because of it.

I highly recommend other people to exchange in TU Darmstadt. The transportation is great, you can go to lots of places through the Frankfurt airport. The teaching in the university won't disappoint you. If you don't want to travel to many places, you won't spend as much money as you think, though there must be other countries where you can spend less money, but it won't be in Germany. If you really want to exchange just give it a try. Seeing different things would open your mind. Nevertheless try to avoid any disease, it will make the experience lose some fun.



密集德文課結束後老師帶班上同學逛學校附近景點並講解歷史，此圖為學校附近公園。



和台灣交換生一起到附近城市 Rudesheim，此圖為當地纜車以及葡萄園。