

## **Background**

Because some of the richest data on real-world social behavior and outcomes is now generated or stored online, our lab's research frequently draws on data from various online sources (e.g., Twitter, university websites, Department of Education and other federal databases). Gathering this data often requires web scraping using either APIs or custom web crawlers, and then transforming the raw scraped data into a format that can be easily merged with other data (typically CSV files).

In a previous project, we scraped information about colleges and universities from US News and World Report's [Best Colleges lists](#). We subsequently linked this scraped data to other education datasets in order to look at the associations between college characteristics and psychological variables. We would like you to replicate the web scraping component of this project.

## **Instructions**

For each school listed in [US News 2021 Best National University Rankings](#), we would like you to scrape the name of the school, the national university ranking, the overview text, and the 7 fields listed under "General Information" (school type, year founded, religious affiliation, academic calendar, setting, 2019 endowment, and school website). For example, for [Princeton's page](#), this would include the 10 pieces of information identified in red on the next page of this document.

We would like you to return this scraped data in a CSV file that has one row per university with 10 columns, one for each piece of information. You do not need to worry about cleaning the text; for example, if the overview text includes embedded hyperlinks, ads, or weirdly spaced text, that is fine. We don't want you to spend too long on perfecting this, as the goal is just to show that you can apply your web scraping skills to a typical use case in our lab.

Please let us know if you have any questions! Also, if you believe that this scraping task is not possible for any reason, please let us know (and let us know what you tried and what barrier(s) you encountered). It has been a couple years since we did this scraping task, so it is possible that something on the US News site has changed to prevent scraping.



# Princeton University

Princeton, NJ 08544 | (609) 258-3000

#1 in National Universities

## 2021 QUICK STATS

Tuition and Fees	\$53,890 (2020-21)
Room and Board	\$17,820 (2020-21)
Total Enrollment	8,419
Application Deadline	Jan. 1

Overview Rankings Photos Admissions Academics User Reviews Student Life Tuition & Financial Aid Questions & Answers Campus

## Overview of Princeton University

Princeton University is a private institution that was founded in 1746. It has a total undergraduate enrollment of 5,422, its setting is suburban, and the campus size is 600 acres. It utilizes a semester-based academic calendar. Princeton University's ranking in the 2021 edition of Best Colleges is National Universities, #1. Its tuition and fees are \$53,890.

Princeton, among the oldest colleges in the U.S., is located in the quiet town of Princeton, New Jersey. Within the walls of its historic ivy-covered campus, Princeton offers a number of events, activities and organizations. The Princeton Tigers, members of the Ivy League, are well known for their consistently strong men's and women's lacrosse teams. Students live in one of six residential colleges that provide a residential community as well as dining services but have the option to join one of more than 10 eating clubs for their junior and senior years. The eating clubs serve as social and dining organizations for the students who join them. Princeton's unofficial motto, "Princeton in the Nation's Service and the Service of Humanity," speaks to the university's commitment to community service.

Princeton includes highly ranked graduate programs through the [Woodrow Wilson School of Public and International Affairs](#) and [School of Engineering and Applied Science](#). One unique aspect of Princeton's academic program is that undergraduate students are required to write a senior thesis, or for students in some engineering departments, take on an independent project. Notable alumni include U.S. President Woodrow Wilson, model/actress Brooke Shields and former first lady Michelle Obama. According to Princeton legend, if a student exits campus through FitzRandolph Gate prior to graduation, he or she may be cursed never to graduate.

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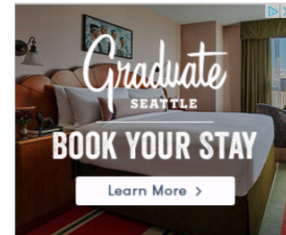
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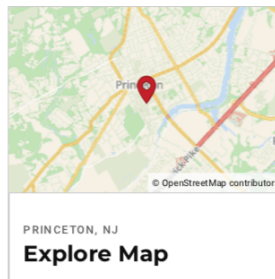


## Explore Princeton University

Rankings Photos Admissions Academics User Reviews Student Life  
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## General Information

School Type	Private, Coed
Year Founded	1746
Religious Affiliation	None
Academic Calendar	Semester
Setting	Suburban
2019 Endowment	\$25.6 billion+
School Website	<a href="#">Website</a>



PRINCETON, NJ  
[Explore Map](#)

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