



Photo by [Marek Piwnicki](#) on [Unsplash](#)

# Career Exploration

By Jastej Sandhu

# Web Developer

```

  <div id="app">
    <todo-application>
      #shadow-root (open)
        <link rel="stylesheet" type="text/css" href="//
maxcdn.bootstrapcdn.com/bootstrap/4.0.0-beta.2/css/
bootstrap.min.css">
        <style>...</style>
        <nav class="navbar navbar-expand-md navbar-dark bg-dark">...</na
        <main class="container">
          <todo-form>
            <style>...</style>
            <div class="card todo-form">...</div>
          </todo-form>
          <hr>
          <todo-list ref="list">
            <style>...</style>
            <h2>Tasks:</h2>
            <ul ref="todos" class="list-group">
              <todo-task ref="task-1517176192142" id="task-1517176192142"
...</todo-task> == $0
              <todo-task ref="task-1517176320397" id="task-1517176320397"
...</todo-task>
              <todo-task ref="task-1517176329096" id="task-1517176329096"
...</todo-task>
              <todo-task ref="task-1517176334849" id="task-1517176334849"
...</todo-task>
            </ul>
          </todo-list>
        </main>
      </todo-application>
    </div>
  </div>

```

# Brief Description And Job Responsibilities

- A web developer is responsible for making and designing websites.
- A web developers tasks vary from company to company but some of the tasks they usually have to perform are:
  - Coding in either HTML, JavaScript, Python, Java, CSS, etc.
  - Creating and styling websites
  - Creating content for websites
  - Testing their website for bugs or issues.



# Education Requirements

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IF YOU ARE A WEB DEVELOPER THAT WORKS ON ORDER FROM OTHER COMPANIES OR INDIVIDUALS AND HAS HIS/HER OWN BUSINESS, YOU DON'T NEED A DEGREE.

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FOR WORKING IN A COMPANY AS A WEB DESIGNER, YOU NEED A BACHELOR'S DEGREE IN COMPUTER SCIENCE OR WEB DEVELOPMENT.



# Skills And Work Habits that You Need For This Career

Some of the skills and work habits you'll need for this Career include:

- Basic organization skills
- Planning skills
- Strong work ethic
- Focusing for long periods of time
- Creativity and curiosity
- The ability to learn quickly
- Critical thinking



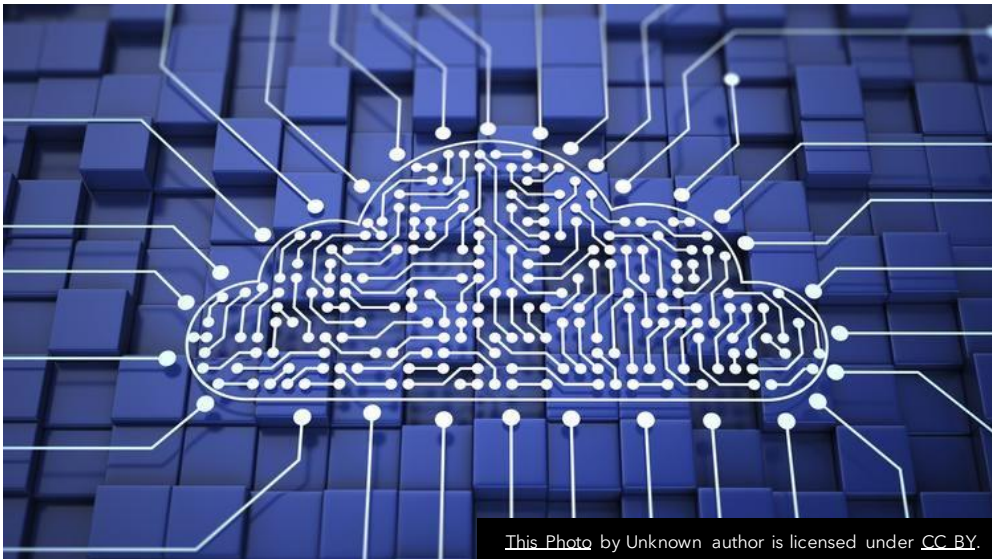
# Future Possibilities Of This Career



Since the world of computers is progressing quickly, companies need more employees that can code and design websites. That's because having a website as a business is essential for growth. As new tech and software possibilities arise, this field will have even more tools to work with and more devices will be using these services.

# Salary Ranges

This career pays decently. With a low 44k, an average of 64k and a high of 93k, this career pays quite a bit more than some other careers



# Why Choose This Career?



**A few reasons to be interested in this career are:**



- You can unleash your creativity



- Turning this career into a business is a big possibility



- Web designers are going to be needed even more in the future.



- If you're fast at your job you can quickly finish the tasks you are given by your company or client.



- It pays a bit better than many other jobs.



# What well known university offers a degree for this career?

SFU offers a computer science degree.

Requirements

- Chemistry or Physics 11 and 12
- Pre-Calc 11 or Math foundations 12
- A language 11
- Any English language arts 11 or 12
- Any approved Social Studies course 12

In the first year of Computer Science, you learn many topics including: Data mining, security, graphics, processing, social networks, operating systems, etc.

**What does the first year of this program look like?**

# Graphic Designer

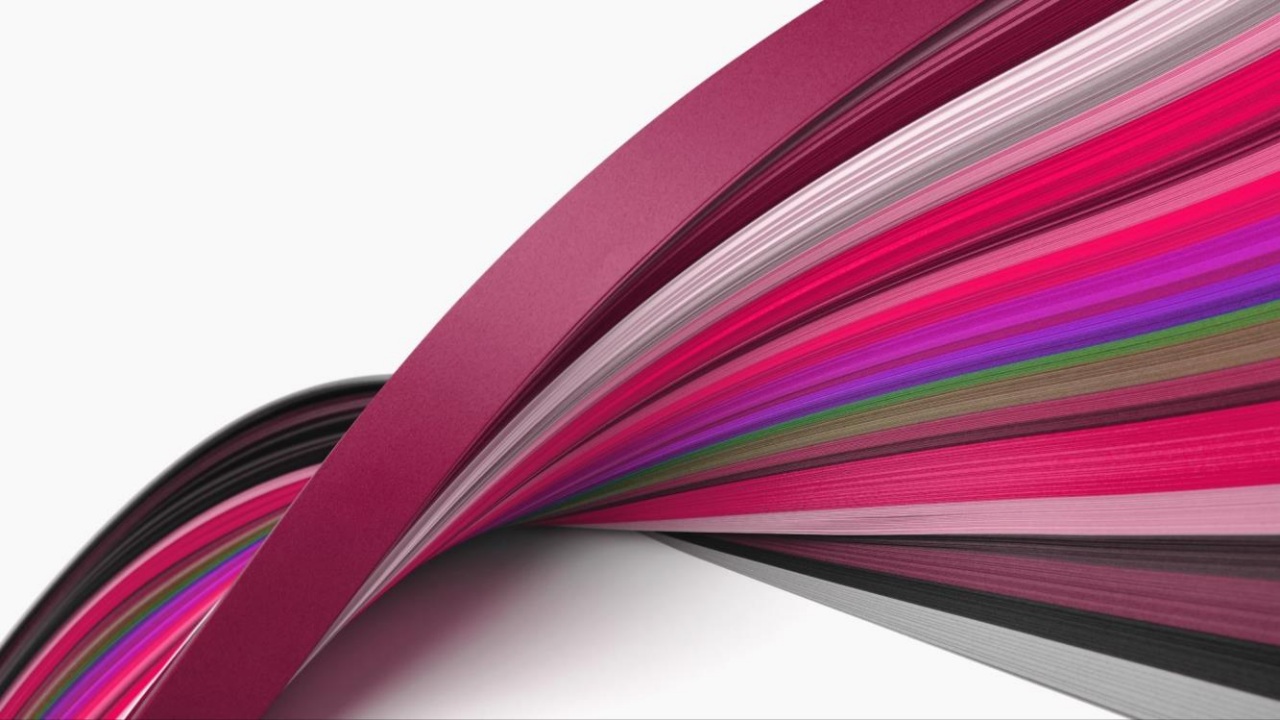


# Brief Description And Job Responsibilities

As a graphic designer, you'll have a few core tasks, which are

- Creating graphics and illustrations
- Creating Logos
- Creating layouts
- Digital art design
- etc.





# Education Requirements

To become graphic designer, you need to have a degree in visual arts, graphic communications, commercial art, graphic design or a diploma in graphic design.

# Skills And Work Habits You Need For This Carrer

Some skills that you will use as a graphic designer are:

- Problem Solving
- Creative Thinking
- Communication Skills
- Time Management
- Use of photoshop and similar softwares
- The ability to think critically



# Future possibilities of Graphic Design

In the future, graphic designers will have more applications and resources to work with. A few of the technologies that Graphic Designers might get to use are Augmented Reality, 3D Printing, Artificial Intelligence, Ray Tracing and more

# Salary Ranges of a Graphic Designer

The median Salary of a graphic designer today is, \$45,000 with a low of \$37,000 and high of 61,000k





# Why Choose This Career

There are not many reasons to choose this career other than if you just really like to do art and design items. The salary isn't great, but choosing this Career will help you do something that you like to do if you are into art. This Career will also have a lot of other possibilities in the future, but at this point in time, I don't think it pays sufficiently.



# What universities offer a degree for this career and what are the entry requirements?



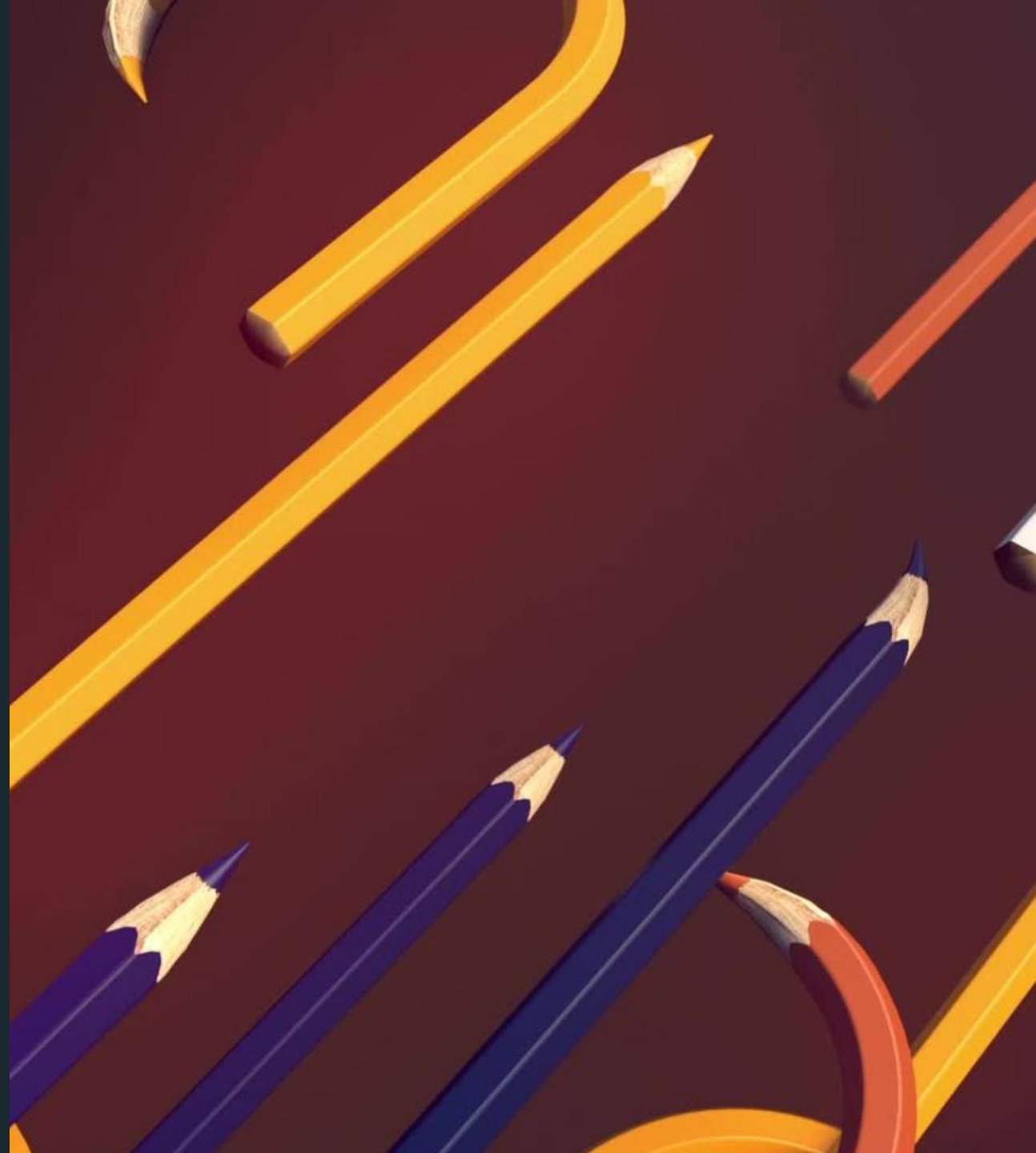
SFU offers a degree for graphic design.

The entry requirements into SFU's graphic design program are:

- One course of English 11 and 12
- One Language 11
- Pre-Calc or Foundations 11
- Any approved Science 11
- Any Approved Socials 11
- Any two or four approved courses in the Category that SFU has created.

# What does the first year in this program look like?

In the first year of graphic designing. You learn the basics of designing and the theory behind software's. You will also be familiarized to common professional software's. You also will explore career opportunities. You will also learn basic skills to work with these software's because they get complicated quickly.



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