

Introduction to Game Design and Development

Why? Who?
What? Where?



Why Game Design and Development?

Game design and development is the first stage in creating a game where the content is designed and rules of playing the game are set.

When you design a game, you become the 'creator' or 'God' of the game and it gives you a sense of immense freedom and satisfaction.

Who should be a Game Designer and Developer?

Any student who has:

- A keen eye for detail
- A free hand in drawing
- An aptitude for design
- Good knowledge of computer programming languages
- A keen interest in learning new technologies
- Good communication skills

Specialisations within Game Design and Development:

- 3D Modelling
- Texturing
- Lighting
- Concept Art
- Drawing



Did you know? The first game was designed in 1947 and was inspired by World War II.

- Developing of Virtual Worlds
- Prototyping
- Raster Imaging

Upcoming Specialisations within Game Design and Development:

- Game Design and Creative Writing

Best colleges for Game Design and Development in:

India

- Arena Animation
- Academy of Animation and Gaming
- Graphiti School of Animation

USA

- Carnegie Mellon University
- University of Southern California
- Texas A&M University

UK

- University of Essex
- Southampton Solent University
- Brunel University

Canada

- Pacific Design Academy
- International Academy of Design & Technology

Discover the Career Options Right for You

1 Initial Options



What are your career ideas?

If you haven't already given it a thought, then base it on influences from:

- Parents, family and friends
- Passion towards a subject
- Personal experiences
- Media and internet

Univariety probes and provides answers

Initial Options

Go to step 2

Instructions

- Follow this process, one at a time, to finalise career choices
- If the answer is 'No' 'at any stage then start from stage 1
- Do in-depth self research
- Complete details of this process and the questions around a 'Typical Day' Test are at www.univariety.com/courses

2 Hypothesis



Do you like it?

Remember the activities from the past which gave you joy and happiness. Does this career option similarly excite you?

Initial Hypothesis



Can you do it?

- Do you know how long it takes to get the degree?
- Do you like the subjects which you will study?
- Can you perform to get through to good colleges?
- Do you have the financial resources to support the degree?

Final Hypothesis

Go to step 3

3 Validation



Do you want it?

Do you like the:

- Nature of work you will do?
- Type of people you will deal with?
- Physical and mental effort required?
- The challenge it poses?



Will it fulfill your and your family's ambitions?

Will this give you a good:

- Lifestyle?
- Time with family and friends?
- Salary and money potential?
- Possibility of being famous?

Validated Hypothesis

Go to step 4

4 Finalisation



'Typical Day' Test?

"If you want to know the road ahead, then ask someone who has travelled it."

- Ancient Chinese Proverb

Here, we ask you to identify 2 - 3 people who have the same career that you have chosen and brought to this stage. Observe and ask questions to understand the 'typical life' in that career



Decision

Tools

- Discussion within the family and friends
- Univariety Website – Career Section
- Sessions with Univariety Counsellors
- Internet, books and other media