

Don't settle.

Game Design.



# IIE Bachelor of Computer and Information Science in Game Design and Development

DEGREE

FULL-TIME

Develop the singular skillset required to thrive in one of the most exciting, lucrative, and fastest-growing industries on the planet. The IIE BCIS degree in Game Design and Development equips students with the necessary skills to pursue a career in creating digital games for different platforms, from computers to platforms like mobile phones and other hand-held devices. A graduate will be qualified in both the programming and creative aspects of a career in designing and developing games; gamified applications and immersive content for new technologies.

Design.

Brand.

Business.

[vegaschool.com](http://vegaschool.com)

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# BCIS in Game Design and Development (IIE)

3 YEARS FULL-TIME | NQF LEVEL 7 | 360 CREDITS | SAQA ID: 94726

## Career opportunities

Game Developer/ Programmer (various platforms) | Commercial Software Developer/ Programmer | Game Designer | Digital Animator | Concept Artist | Texture Artist | Level Designer | Simulation Designer

## Modules

### Year 1

Game Design 1A & 1B  
Game Development 1A & 1B  
Game Art 1A & 1B  
Programming Logic and Design  
Mathematical Principles for Developers

### Year 2

Game Design 2A & 2B  
Game Development 2A & 2B  
Game Art 2A & 2B  
Narrative for Gaming  
Databases

### Year 3

Game Design 3A & 3B  
Game Development 3A & 3B  
Work Integrated Learning 3A & 3B  
Introduction to Research  
Open-Source Coding (Introduction)

## Please note

IIE-Vega does not require a portfolio as part of the application process to study design. Our primary focus is on how our students think and collaborate as creative solution seekers. The development of an industry-ready portfolio becomes a core focus once you enrol and engage hands-on with any of our creative programmes. You are welcome to make an appointment with your campus Contact Navigator if you are not sure which creative course would suit you best. Ideally you should attend one of our GenV workshops at any of our IIE-Vega campuses to explore the different programmes on offer.

## Admission requirements

Minimum Admission Requirements	English	Maths/HG	Math Lit/SG/ Technical Maths	Notes
NSC: Degree admission with	30%	40% or	60%	
NC(V): Degree admission with	50%	50% or	60%	
SC: Endorsement with	33.3%	40% or	60%	
SC(a): Degree admission with		40% or	60%	A minimum of 30% in LOLT in NSC/ SC(a) OR with a min. of 33.3% in SC.
Alternatively, a cognate Higher Certificate or cognate 240 credit Diploma OR an Advanced Certificate OR 360 credit Diploma may satisfy the minimum admission requirements to degree studies.			If discipline not cognate at least 20% of credits must be academic literacy or numeracy related.	
International	An USAf Exemption Certificate is required and meeting the relevant Maths and English requirements.			

Senate Discretionary Admission	Mature Age Exemption	Candidates having attained the age of 23 before or during the first year of registration with a Senior Certificate with a minimum of 40% in at least four higher or standard grade subjects, at least three of which shall have been passed simultaneously and one of which shall be a recognised higher-grade subject; OR Candidates must have attained the age of 45 before or during the first year of registration. An USAf exemption Certificate is required.
Senate Discretionary Mature Age Admission for students with a Senior Certificate with endorsement	Candidates 23 years and older at point of registration, with an endorsed Senior Certificate can be accepted on a senate discretionary mature age admission. Their academic progress will be tracked and reported at Senate. An USAf Exemption Certificate is not required.	
Recognition of Prior Learning (RPL)	Where candidates do not satisfy the formal admission requirements for this qualification, The IIE may consider an admission application in terms of the Credit Accumulation and Transfer, Recognition of Prior Learning and Qualification Completion Policy (IIE010).	
USAf approved cognate foundation programme	Candidates who have completed an USAf approved cognate foundation programme from a registered and accredited provider may be admitted. An USAf Exemption Certificate is required - the Office of the Registrar will facilitate, on behalf of the student, an application for degree admission to USAf, once the student has provided proof of payment to USAf.	
Transfer students	Candidates who have successfully completed at least 120 credits on the first year of a cognate degree may be admitted. The additional Maths/Math Lit criteria falls away. However, if a student completed less than 120 credits, the admission criteria on the NSC or equivalent apply.	
OQSF qualifications	Candidates with an OQSF Level 5 cognate qualification may be admitted, provided the OQSF qualification has at least 120 credits at NQF Level 5. An USAf Exemption Certificate is required - the Office of the Registrar will facilitate, on behalf of the student, an application for degree admission to USAf, once the student has provided proof of payment to USAf.	