

Immersive Experiences Days 1-5

The Forensic Mindset

- Discover what a day in the life of a forensic scientist entails
- Explore the demands and expectations of working in this exciting field
- Learn the difference between working in the field vs working in a laboratory
- Develop key soft skills: critical thinking, decision making and thinking ahead
- Learn important hard skills: basic analytical techniques, statistics and the use of UV light
- Master the basics of pipetting and risk assessments

Become the CSI

- Examine the strategy used when approaching a crime scene
- Gain a thorough understanding of hygiene best practice and the clothing you'll need
- Undertake a series of small escape room exercises with guidance from experienced forensic professionals
- Test your attention to detail and problem-solving skills
- Take on a series of real-life case studies exploring famous historical plots
- Race against the clock to unlock the truth and be the first to uncover the suspect

Enter the Crime Scene

- Walk through a simulated crime scene: act as a first responder and a fingerprint analyst
- Photograph evidence to capture the initial state of the scene
- Sketch the scene with dimensions to keep on record
- Label and package the evidence into the correct containers for transport
- Learn the principles of fingerprint identification
- Perform finger-mark powdering and presumptive blood testing
- Explore the effects different surfaces have on fingerprint deposition
- Match the correct fingerprints to a potential suspect

Blood Spatter Analysis

- Familiarise yourself with the basics of blood pattern analysis: introduction, classification and terminology
- Observe how different blood patterns are generated in a crime
- Generate different spatter for subsequent analysis, Dexter Morgan style

- Identify the crime and then group the bloodstain patterns into different categories
- Reconstruct the scene: analyse the blood stain size, shape and distribution patterns in order to reconstruct the sequence of events that led to the bloodshed

Immersive Experiences Days 6-10

Enter the Lab

- Tour a leading forensic laboratory, meet the team and explore their roles
- Witness the performance of routine forensic procedures
- Evidence is everywhere: demonstration on drug and DNA analysis
- Observe how samples are delivered and processed for examination
- Get a first-hand account of what it's like to work in a forensic laboratory: interact with the team and ask them all your burning questions

Forensic Specialties

- Start with a bang: explore the field of fire and explosives investigation
- Shadow forensic analysts as you examine evidence left behind after suspected arson
- Discover the process of explosives analysis and the technology used to identify bomb components
- Explore the field of forensic odontology and its application in legal investigations
- Examine the use of dental records for the identification of human remains in mass disasters

The Courtroom

- Step into the shoes of an expert witness in a simulated courtroom
- Compile evidence you have gathered throughout the programme to build your case
 - Learn how to write and deliver expert testimony
 - Take the stand as an expert and present your witness statement to your peers
 - Undergo cross examination with live feedback from leading expert witnesses
 - Gain valuable tips from forensic scientists who have testified on prominent cases

Cyber Forensics

- Delve into digital forensics, the dark web and cyber attacks
- Examine how technology integrates itself into forensic investigations by examining the hidden side of the web

- Infiltrate a dark web marketplace and uncover the criminals behind it
- Discover the techniques used to bring down illegal transactions in the cyber-underworld

Networking Event With Top Forensic Scientists

- Take part in a private networking session with drugs and explosives, digital, fire and analytical forensic scientists, as well as forensic science students
- Put your newfound knowledge to the test
- Have your burning questions answered by those in the know
- Receive valuable advice from experts in the field

Immersive Experiences Days 11-15

CAREERMAX

Over the next five days, we will prepare you to outperform others in the race to become a top forensic scientist. You will be given dedicated coaching on how to become a world-class professional in any industry, with training on the most crucial skills that universities and employers are looking for: public speaking, leadership, teamwork, problem-solving, communication, time management and negotiation. Expect hands-on, interactive activities led by professional development experts, to help turn you into a confident young forensic scientist, right now.

Leadership & Teamwork Coaching

- How you can build a high-performance team
- The most effective styles of leadership you can adopt
- What makes the ultimate team player?
- Inspiring and motivating others
- Leading vs managing

Leadership & Teamwork Challenge:work with your team to try and devise how to create a city fit for human habitation on Mars

Public Speaking & Communication Coaching

- Public speaking coaching by a specialist who trains CEOs
- Perfecting enunciation, tone, pace and body language
- How you can engage an audience and read the room
- The art of persuasion

-How to communicate effectively in a team environment

-Understanding emotional intelligence and using empathy

-Building strong interpersonal skills

-Influencing others

Communication challenge: use your communication skills to guide a blindfolded team member to safety on an obstacle course

Public speaking challenge: critically analyse public speaking performances

Negotiation Coaching

-Understand the art of negotiation and its importance

-How to identify when you are actually in a negotiation

-The typical stages of a negotiation

-Key negotiation styles

-Building relationships

-Key tactics: anchoring, tradeable concessions, commitment tactics, bluffing, injecting urgency, varying pace and more

Negotiation challenge: enter a simulated hostage negotiation scenario. Work with your team to get the hostage released

Problem-Solving Coaching

-How you should approach problems and solve them decisively

-Analytical skills: identifying and structuring problems

-Creative and lateral thinking

-Effective decision-making

-Implementing solutions, analysing results and making changes

Problem-solving escape room: work through a series of complex problems under time pressure

Time Management Coaching & Reflection

-How successful people manage time

-The time management quadrant

-Setting goals, prioritising, simplifying and re-evaluating

-The power of hyper-focusing

-Eliminating distractions

-Practising the '4Ds': doing, deferring, delegating and deleting

-Implementing solutions, analysing results and making changes

Time management challenge: enter a humanitarian crisis simulation. Identify your goals, decide your priorities and execute them under time pressure