



SCIENCE SHOWCASE

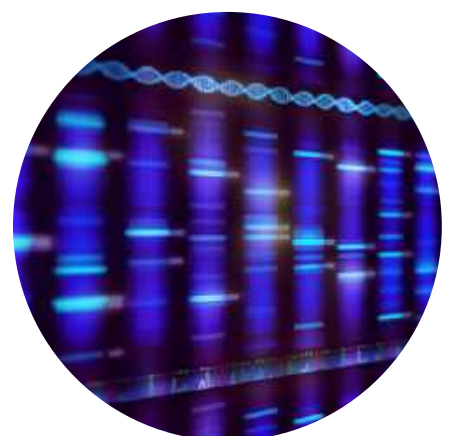
GET INSPIRED



WHETHER IT'S APPLIED,
MEDICAL OR FORENSIC SCIENCE,
YOU WILL EXPLORE A
WHOLE HOST OF DIFFERENT
THINGS WHICH BEG THE
QUESTIONS; HOW AND
WHY DO THEY HAPPEN?

DEVELOP CONFIDENCE

Our Science faculty has developed
dramatically in recent years and
the subject is thriving...



QUICK STATS

FACILITIES:

- Dedicated Crime Scene Room
- Four fully equipped laboratories

INFO ON STAFF:

- **Curriculum Manager:**
Adam Wilson
- **Lecturers:** Amber Jennings-Hobbs,
Dr. Samuel Gascoyne, Jordan Boulton,
Joanna Jackson, Arrendeeep Gill,
Narinder Gill, Kayleigh Vice,
Juliet A. Atuguba
- **Science technicians:**
Steven Merritt, Rose Davis, Lisa George

Check out the full programme
list on our website!
www.coventrycollege.ac.uk



FROM MEDICINE TO METEOROLOGY, THE WORLD OF SCIENCE IS WIDE AND VARIED, WITH INFINITE OPPORTUNITIES FOR EXPLORATION AND EMPLOYMENT.

Our science programmes are ideal if you want to study for a career in this field. With a mix of different programme options you will be able to start at a level that suits your current ability. This can lead either to higher level study within the College or at university or you can go into employment in a science related job.



I got to study Forensic Fire Investigation, which was fascinating. We were assigned a tutor at the start of the programme. He was really helpful and spent a lot of time supporting my achievement.

Daniel Podmore, 19
Forensic Science learner
Progression: Degree studying
Forensic Science at
De Montfort University



OUTSTANDING FACILITIES

- ▶ Biological Scientist or Biochemist
- ▶ Forensic Investigator
- ▶ Dental Practitioner
- ▶ Pharmacist
- ▶ Pharmaceutical Technician

THERE ARE APPROXIMATELY
1,156 LABORATORY TECHNICIANS
EMPLOYED IN COVENTRY &
SURROUNDING AREAS

DEVELOP CONFIDENCE



EXCELLENT PROGRESSION OPPORTUNITIES

WHETHER YOU'D PREFER
TO BE A **PARAMEDIC**,
BIOCHEMIST OR **FORENSIC**
ANALYST, THERE'S A CAREER
TO SUIT YOUR **PASSION** AND
SKILL IN THIS INDUSTRY

- ▶ Medical Radiographer
- ▶ Physiotherapist
- ▶ Medical or Dental Technician
- ▶ Medical Practitioner

THE AVERAGE SALARY FOR
LABORATORY TECHNICIANS
IS **£19,448** PER YEAR

CAREER FOCUSED

WHERE
YOU GET
INSPIRED

INDUSTRY EXPERT STAFF

Success Story

Understanding how things work, developing solutions or creating something new all involve the world of science.

There are many different, exciting roles in science for wherever your passion lies, including working with food, textiles, animals or even meteors!

Ayesha's Journey

Started in Further Education:

Studied Level 3 Diploma in Medical Science, Coventry College

Ayesha has always had a passion for caring for people and knew that she wanted to work in a caring environment with children in some way. As she already knew about Coventry College due to her brother studying with us previously, she attended an Open Event and knew that she wanted to study an Applied Medical Science programme to start her on her career path.

Ayesha says that her lecturers were supportive and understanding during her studies and took time to help her with specific aspects of the programme; "They also took time to check my work and always gave me the support needed when I didn't understand parts of the assignment". Ayesha says she enjoyed the programme because it offered both theoretical and practical aspects, which gave it variety and

kept it interesting.

During her second year of studying at Coventry College, Ayesha was ready to apply to university to continue her studies and has praised the Medical Science programme as being the perfect foundation for her learning; "It enabled me to gain the knowledge, skills and qualifications needed for further studies at university". Ayesha has successfully gained a place on a Children's Nursing course at Birmingham City University and is looking forward to starting her course.

Once she graduates, she wants to either continue studying or work as a registered nurse. She is extremely grateful to the College and staff for their part in helping her pursue her dreams of helping children through difficult times.

Progression:

Children's Nursing Bsc (Hons) at Birmingham City University



AYESHA KHAN

**LEVEL 3 DIPLOMA
MEDICAL SCIENCE**

It was an interesting journey as I met many people from different backgrounds and had meaningful interactions with them which helped my social development.

WHAT OUR FORENSIC SCIENCE LEARNERS SAY

Interview with Coventry College Forensic Science Learners

Interviewer: Good morning all, could we start off by you introducing yourselves?

Dan: Hi, I am Daniel Podmore, I'm 19 years old and I start at De Montfort University next week, studying Forensic Science.

Jamie: I'm Jamie Poole, I'm 19 and originally from Coventry, but will be moving to Leicester next week to live in student halls.

Connor: Hey! I'm Connor, I'm 18 and I'm from London. I moved to Coventry when I was still in school and went to Whitmore Park and Barrs Hill and I will also be starting university next week!

Interviewer: Why don't you tell us a little bit about yourselves?

Dan: I enjoy going to the gym, and take part in several runs, including the WOLF run and race for life. I love playing sports with my friends. I am particularly enjoying escape rooms at the moment, and have tried many of them.

Jamie: I really like walking my dog, and playing on my PS4.

Connor: I love playing Sudoku, football and F1. Meeting with my friends and playing Ultimate Frisbee at the AT7 centre.

Interviewer: Why did you come to Coventry College?

Dan: I had previously studied Digital Media as an apprentice, but it didn't inspire me. I had an interest in forensic science, and thought it would be great to come to the College of my home town, and my friends recommended it to me.

Jamie: When I first started I wanted to do forensic science, but I didn't quite meet the entry requirements. I enrolled onto the level 2 science course, which I passed and that allowed me to go onto forensic science. I also retook my GCSE maths and achieved a grade 5. I am so glad that I was given the chance to go through this route.

Connor: I didn't want to go to 6th form as I wanted a different environment to the school environment, so I applied to Coventry College. I'm so glad that I did, I do not regret it and my time here has been fantastic!

Interviewer: Can you tell the readers a little bit about the facilities that we have at the College?

Dan: The labs at the College are good to be in, and have everything that you need to study, with lots of new equipment.

Jamie: I love being in the labs, I felt at home. The crime scene room is great fun and gave me an experience close to a real life scenario. I spent a lot of time in the learning hub, the books they have are great for supporting writing the assignments.

Connor: There is a mixture of labs here and we had a new one installed this year. It's great having that extra workspace in a clean, modern environment.

Interviewer: Thinking back over the last two years, was there anything that really stood out to you?

Dan: I loved any of the forensic investigation lessons, I particularly remember a lesson on gun shot residue. It was intriguing, I loved how it had been applied to real life events. We also got to participate in mock interviews of witnesses, which was really fun.

Jamie: The blood spatter lessons were amazing, we used horse blood as a substitute to human for testing. We carried out presumptive testing, blood grouping, and looked at the impact when falling from different heights, angles and what happens when it hits different surfaces.

Connor: Many of our lessons were linked to real cases. One I will always remember is the Jodi Aries case, it was so different and the film re-enactment was gripping.

Interviewer: Can you describe your first year?

Dan: The first year was epic; it was so awesome. I met some of my best friends during that year. I learnt so many new skills and enjoyed every aspect of the course. I got to study Forensic Fire Investigation, which was fascinating. We were assigned a tutor at the start of the course, he was really helpful and spent a lot of time supporting my achievement if I needed it. Forensic science isn't just about the evidence, it improved my general science knowledge so much.

Jamie: I really enjoyed my first year, I met new friends, lifelong friends. Studying criminology was great, not something that I had really considered as an option before. But that's why this course is so good, you get to study so many different elements.

Connor: Incredible experience, I learnt a lot about science and forensics, and even more about myself.

Interviewer: While you were at the College, what do you think your biggest achievement was?

Dan: My biggest achievement was getting an unconditional offer from DMU.

Jamie: Unfortunately, at school I didn't get my grade 4 in GCSE maths. Through the support of the tutor and teaching staff at the College, I achieved a grade 5 at the end of my second year here. I also won the 'Most Improved Learner' award.

Connor: Getting my offers from university, including a scholarship from Bournemouth University.

Interviewer: Do you feel that you have been supported at the College?

Dan: All of the teachers were so helpful, and gave one on one support when it was needed.

Jamie: It was great; my teachers were really a great support.

Connor: Whenever I needed it, or going through a hard time, the staff here really helped me.

Interviewer: Can you tell me a highlight from your second year?

Dan: Photography was a particularly good unit.

Jamie: Studying the OJ case and ballistics.

Connor: Learning about the types of cybercrime and how they are committed was good.

Interviewer: Finally, if you were going to give your own inspirational quote, what would that be?

Dan: "You don't have to be what other people expect you to be, be yourself".

Jamie: "You don't have to be perfect, just be original".

Connor: "You don't have to go on the same road, but you can reach the same destination".

Incredible experience, I learnt a lot about science and forensics, and even more about myself.

Connor Harwood, 18
Forensic Science learner
Progression: Degree studying
Forensic Science at
Bournemouth University



Success Story

PRINCE
AMISSAH



LEVEL 3 EXTENDED DIPLOMA
APPLIED SCIENCE

Prince's Journey

Started in Further Education: Hi, I am Prince. I completed my GCSE exams and applied to study science at level 3. However, I didn't quite meet the entry requirements for a level 3 course but was really happy to discover I could still pursue a career in science by completing the Level 2 Diploma in Applied Science. I started the course in September 2017.

All the staff were friendly and encouraging and I settled into college life really quickly. I think college has helped me to develop my independence and expand my friendship groups. I joined the College basketball team and became a Learner Ambassador, going on to become Learner Ambassador of the Year in 2019.

Whilst on the level 2 course, I was the Class Representative on the Learner Council. I raised concerns from classmates, to ensure Learner Voice was heard.

I completed the course achieving a Distinction overall, and progressed on to the Level 3 Extended Diploma in Applied Science, where I also achieved a Distinction in my first year.

Progression: I will be applying to university this year, hoping to gain a place on a biomedical science course. Following university, I hope to complete a graduate programme where I will specialise in an area within the NHS.

“All the staff were friendly and encouraging and I settled into college life really quickly.”

NADEYA
NASRATI

LEVEL 3 EXTENDED
DIPLOMA IN
MEDICAL
SCIENCE



Nadeya's Journey

Started in Further Education:

My journey at Coventry College began after a year of A levels at sixth form, I felt college was a better option for me.

I studied Medical Science as I was always very interested in science and particularly medical and biological sciences, I knew that this course was a great stepping stone to many great career choices and I still hadn't figured out what I wanted to do in the future so this was a great opportunity because I knew I would enjoy the course even if I didn't choose career in that field.

The Medical Science course is great as it lends itself to both theoretical and practical aspects. I had a lot of support, from all of the lecturers and my tutors in first and second year, all of them wanted to motivate us and encourage us to do better in each assignment. I had support with personal statement drafts, choosing my university course, lab work and assignments, all we had to do was ask.

I learnt so much about myself and my interests, which opened many doors for me, I met new friends and received an amazing qualification so I'm very happy with my college experience. Next year I will be studying Biomedical Science at the University of Warwick.

Progression:

My career goal is to become a doctor, so my future plan is to study medicine after my Biomedical Science degree.

“I learnt so much about myself and my interests, which opened many doors for me...”

MEET THE SCIENCE TEAM

Name: Adam Wilson

Role: Curriculum Manager for Science & Access to Higher Education

Years service at the College: 7

Qualifications: BSc Hons Forensic and Investigative Studies

Relevant work experience: Experience of teaching science courses from level 1 through to level 5. Taught in partnership with Coventry University and De Montfort University, teaching Forensic Science at degree level. Managed science provisions within Coventry for 4 years.

Name: Amber Jennings-Hobbs

Role: Science Lecturer

Years service at the College: 12

Qualifications: BSc Hons Biological Sciences

Relevant work experience: Science Technician, Assistant Programme Manager for Science. Taught in partnership with Coventry University and De Montfort University, teaching Forensic/Biological Science at degree level.

Name: Dr. Samuel Gascoyne

Role: Science Lecturer

Years service at the College: 1

Qualifications: PhD Material Science

Relevant work experience: 5 years at JLR, teaching in Lincoln, 9 years in academia at the University of Sheffield.

Name: Jordan Boulton

Role: Lecturer

Years service at the College: 1

Qualifications: FdSc Forensic Science, BSc Forensic Science & MSc By Research (ongoing)

Relevant work experience: Research fellow for Biotechnology Group.

Name: Joanna Jackson

Role: Science Lecturer and Course Tutor

Years service at the College: 5

Qualifications: Dip. HE Science in the Environment, BSc (Hons) Human Physiology, PGCE (FAHE)

Relevant work experience: Taught on a range of programmes for different FE and HE providers.

Name: Narinder Gill

Role: Science Lecturer

Years service at the College: 6

Qualifications: BSc Applied Chemistry, MSc Analytical Chemistry and Instrumentation and PGCE (Secondary)

Relevant work experience: Teaching qualification, Good Laboratory Practice (GLP) and Good Clinical Practice (GCP) regulation, Laboratory Technician, Secondary School Teacher, Formulation and Development Scientist, QC and QA Officer. Taught in partnership with Coventry University and De Montfort University, teaching Forensic Chemistry at degree level.

Name: Arrendeeep Gill

Role: Science Lecturer and Course Tutor

Years service at the College: 4

Qualifications: BSc Biomedical Science, MSc Medical Biotechnology and Business Management

Relevant work experience: R&D for GFC Diagnostics in Anti-microbial Resistance.

Name: Rose Davis

Role: Science Technician

Years service at the College: 2.5

Qualifications: BSc Biological Science

Relevant work experience: Severn Trent Lab Tech 2 years, School Science Tech 2.5 years.

Name: Kayleigh Vice

Role: Lecturer

Years service at the College: 2

Qualifications: MSc Forensic Genetics and Human Identification, BSc Forensic Science

Relevant work experience: Microbiology Lab Analyst.

Name: Juliet A. Atuguba

Role: Science Lecturer

Years Service at the College: 1

Qualifications: Degree (BEd (Hons) Science Education), Masters (MSc Public and Environmental Health Science), PhD (Environmental Education)

Relevant work experience: Teaching Science, Environmental Education and Biology in FE.

Name: Lisa George

Role: Science Technician

Years Service at the College: 4

Qualification: MSc Medical Laboratory Technology

Relevant work experience: Medical Laboratory Technologist (Blood Bank Technologist, King Fahd University Hospital, KSA).

Name: Steven Merritt

Role: Science Technician

Years Service at the College: 1

Qualification: BSc & MSc

Relevant work experience: Independent lab work and management throughout academic career as well as NPL summer placement prior to university.



Please note: the details in this magazine were correct at the time of publication. However, changes to provision and factual information may occur. We issue this information as a general guide and reserve the right to modify or alter without prior notice. Career/industry sector statistics are based on EMSI data 2019.

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