



Teacher of High School Chemistry and Science  
Dover Campus

Education  
like no other

## The Post

UWCSEA has a vacancy for August 2019 at its Dover Campus for a Teacher of High School Chemistry and Science. The appointee will teach IB Diploma Chemistry and IGCSE Coordinated Science.

The Science Department is composed of enthusiastic and dynamic teachers who work in a very well-resourced environment for learning. Teaching takes place in dedicated science classrooms that are part of a large, vibrant science faculty at UWCSEA.

## The Context

UWCSEA welcomes applications from all qualified candidates. We are committed to safeguarding our students and protecting them from harm. In keeping with the expectation that all staff and volunteers share this commitment, those applying for a position at the College must be willing to undergo employment background checks and screening appropriate to the post.

If you have a strong sense of adventure and an exceptional level of commitment to teaching and learning, UWCSEA might be the perfect next step for you. Here are some reasons why:

- Learn with and from leaders in international education. We provide a professional learning programme that brings international experts to the school and ensures our teachers learn and grow as practitioners and leaders in their time with us
- Work with exceptional students. Our students are a remarkable community of young people with diverse backgrounds and experiences who are united in a common purpose. In addition, as a non-profit organisation, we invest a percentage of income into scholarships for approximately 100 students each year. These scholars come from a wide variety of cultural and socio-economic backgrounds.
- Immerse yourself in a holistic education. Our academic results are outstanding, but our focus on holistic education means teachers are involved in all aspects of the programme. At UWCSEA you can take students trekking in the Himalayas or kayaking in Thailand, building houses in Cambodia or skiing in Switzerland. Equally, you can support them in making real connections with the local community, working with children with multiple disabilities or teaching life skills to domestic workers who have been the victims of violence. All our students and teachers, from Kindergarten 1 to Grade 12 are involved in our activities, outdoor education and service programmes.
- Commit to a mission that guides everything we do. UWCSEA is a member of the UWC Movement, whose mission is to make education a force to unite people, nations and cultures for peace and a sustainable future. At UWCSEA, all our students from K1 to Grade 12 are developing the ethical dispositions that will empower them to embrace challenge and take responsibility for shaping a better world.

## Person specification

- A good degree in Chemistry or a closely related discipline and a recognized teaching qualification or certification are expected.
- Teachers should be willing and eager to participate in the five key elements of a UWCSEA education: Academics; Activities; Outdoor Education; Personal and Social Education and Service
- Academic expectations include enthusiastic participation in Professional Learning
- Pastoral expectations include the leadership of a mentor group, unless the teacher is exempted due to other responsibilities.
- On average the College expects a yearly contribution of two sessions per week in each season to Activities and/or Service.

- The College expects that teachers will participate enthusiastically in the curricular Outdoor Education experiences which are relevant to their students and will also occasionally volunteer for holiday Outdoor Education trips.
- A commitment to diversity and inclusion is essential alongside a willingness to adapt and develop pedagogy to meet the needs of our learners

### Main Responsibilities

- Teachers should be willing to contribute positively to the collaborative culture of the Science and broader High School teams.
- Teachers should construct learning experiences that challenge students, support the diversity of learners in each classroom and demonstrate a strong commitment to concept-based teaching and learning.
- Teachers should ensure assessments support ongoing learning and provide timely, relevant and appropriate feedback to students on formative and summative assessments.
- Teachers should demonstrate effective classroom management that shows an understanding of the academic, social and emotional dimensions of learning.
- Teachers should keep parents informed about the learning of their children, and be proactive in communication with parents.

## About UWCSEA

### UWC mission

The UWC movement makes education a force to unite people, nations and cultures for peace and a sustainable future.

### UWCSEA educational goal

We educate individuals to embrace challenge and take responsibility for shaping a better world.

### UWCSEA ambition

UWCSEA will be a leader in international education. We will have a worldwide reputation for providing a challenging, holistic, values-based education with an emphasis upon academic achievement, service to others, environmental stewardship, teamwork and leadership.

### UWCSEA community member profile

The UWCSEA learning programme provides a breadth of opportunity that enables learners to develop the qualities and skills of the UWCSEA profile. The profile is derived from our mission and supported by current research in education. Through the development of these skills and qualities, members of our community lead by example, embrace challenge and take responsibility for shaping a better world. While each quality and skill is identified separately, they are interconnected and impact each other.

#### Qualities

- Commitment to care
- Principled
- Resilient
- Self-aware

#### Skills

- Critical thinker
- Creative
- Collaborative
- Communicator
- Self-manager

## The UWC movement – a history

“I regard it as the foremost task of education to insure the survival of these qualities: an enterprising curiosity, an undefeatable spirit, tenacity in pursuit, readiness for sensible self denial, and above all, compassion.” - Kurt Hahn

The UWC movement was founded in 1962 by Kurt Hahn, a German educator, whose ideas were crystallised by the destruction he witnessed during the first and second World Wars. In 1958 Hahn was inspired by the cooperation between former adversaries he witnessed at a NATO Staff Conference. He was convinced that education should prepare young people for a life with service, leadership and meaningful action at its heart. By educating young people from around the world together, he thought that future conflicts could be prevented. From this belief in the power of education to change the world, the UWC movement was born, with a mission to make education a force to unite people, nations and cultures for peace and a sustainable future.

Today, there are 17 UWC schools and colleges around the world, with UWCSEA in Singapore the largest of these. As well as providing an international education for young people living in Singapore, each year the UWC movement and UWCSEA provide scholarships for more than 100 students from all over the world to attend UWCSEA. In the words of Nelson Mandela, Former Honorary President, UWC International: *“The striking thing about the United World Colleges is that they embrace the entire world across all divides of race, history, culture, wealth, religion, economic status and political belief.”*

The first UWCSEA campus on Dover Road was opened in 1971 by then Prime Minister, Lee Kuan Yew, under the name of Singapore International School. In the late 1990s, the Dover Campus gradually expanded its age range from a secondary school to include primary and kindergarten students. Today, it has grown to a school of 3,000 students from Kindergarten–Grade 12. Opened in 2008, the purpose-built East Campus has grown to more than 2,500 students from Kindergarten–Grade 12.

### UWCSEA students

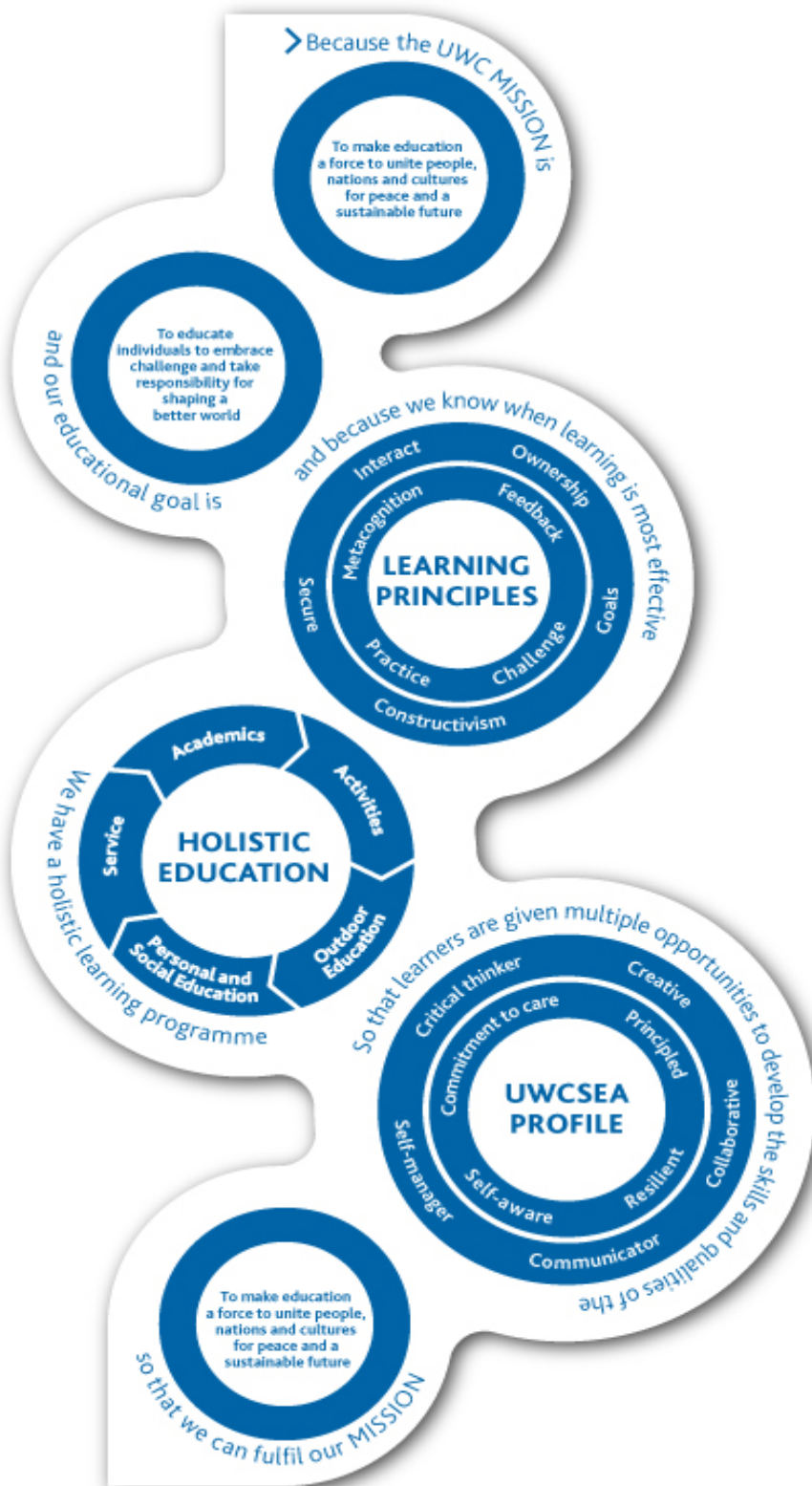
Students at UWCSEA are selected through a process that takes a holistic view. Previous school reports and references, as well as the student’s potential to contribute, support and participate fully in the life of the College are all taken into account. Where appropriate, entry tests and English language assessments are required. The 5,594 students currently enrolled at the College represent 90 nationalities and speak 58 different first languages.

### Student numbers 2018/2019

School	Dover Campus	East Campus	Whole College
Infant School (K1–G1)	286	335	621
Junior School (G2–5)	673	670	1343
Middle School (G6–8)	784	603	1387
High School (G9–12)	1294	949	2243
Boarders (G8–12)	177	147	324



## The UWCSEA learning programme



The UWCSEA learning programme has the UWC mission as both our inspiration and our goal.

With our mission and educational goal as starting points, and basing our practice on learning principles that tell us when learning is most effective, we have developed a holistic learning programme, consisting of five elements: academics, activities, outdoor education, personal and social education and service. Through this programme, students develop the skills and qualities of the UWCSEA profile, while help them to fulfil the UWC mission to make education a force to unite people, nations and culture for peace and a sustainable future.

## Academics

At UWCSEA, students experience the joy of intellectual engagement and the satisfaction of scholarly pursuit. Through the academic element of the programme, they gain an understanding of the connections between individual subjects and how to solve complex problems using different approaches.

UWCSEA is an IB World School, offering the IB Diploma Programme in Grades 11 and 12. Our K–12 academic curriculum is shaped by our mission and educational goal and guided by the UWCSEA profile and learning principles. Learning goals in languages, mathematics, sciences, the Arts, humanities, technology and physical education build logically through each grade, preparing students for the next academic challenge. UWCSEA offers the (I)GCSE programme in Grades 9 and 10, with students who enter in Grade 10 taking a Foundation IB (FIB) course.



## Activities

The College offers an extensive Activities programme to students from Grade 2 onwards. More than 900 activity events take place across both campuses each week. The programme is divided into sports, arts (dance, drama, music and visual arts), leadership, clubs and special interests. It is designed to provide students with opportunities to explore new interests, develop their strengths and pursue their passions. Activities invigorate the life of the College by bringing students together for creative, athletic, leadership and other endeavours.

## Outdoor Education

The opportunities for learning at UWCSEA extend far beyond the classroom as students take on experiential challenges that build resilience, collaboration and leadership. Our Outdoor Education programme offers an incremental progression of age-appropriate experiences to students across the K–12 curriculum. Whether going on a forest adventure in Malaysia in Grade 3 or trekking in Nepal in Grade 9, students develop confidence in their physical abilities and emotional resilience to withstand difficult situations.

## Personal and Social Education

There are opportunities for personal and social development in all elements of the UWCSEA learning programme, but the importance of this aspect of the student experience is recognised by our dedicated Personal and Social Education (PSE) programme. The PSE programme supports students in dealing with the personal and social challenges that all young people face. From younger students identifying and celebrating mastery of new skills to Grade 12 students using their self-knowledge to select their path after graduation, the PSE programme is a dedicated time for students to explore their identity and place in the world.

## Service

The Service programme empowers students to become aware, able and active contributors to the community. Students become involved in College service, where they offer a service to other members of the school community; in local service, where they connect with members of the Singapore community; and in global service, which incorporates Global Concerns (GC) projects, the Initiative for Peace and our extensive Gap Year programme. GC is a dynamic initiative enabling students to put their ideals into action by working to support causes and communities through direct links with partner organisations outside Singapore.

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The greatest impact of the Service programme is on our students, as they put their ideals and values into action and grow as compassionate people and active agents of change.

## The Benefits

Along with a very competitive package, UWCSEA offers the incredibly high rewards that come from working with remarkable young people in a climate of innovation, collaboration and collegiality. Furthermore, the College offers outstanding levels of professional learning; we regularly hear from teachers that they learn more with us than at any other stage in their careers. Opportunities include structured internal courses, a self-driven Professional Learning Programme, support for further studies and an emphasis on concept-based teaching and learning. Above all, teachers are part of a professional learning community that allows them to share good practice and work with outstanding fellow teachers and practitioners.

Teachers arriving from overseas will be provided with relocation support, housing allowance, medical insurance, and repatriation support at the end of contract. Medical insurance is provided within industry-standard limits.

Teachers arriving from overseas may be entitled to tuition fee exemption for up to three (3) children at the College, subject to evaluation of available places at the time of offer and/or the existing HR benefits package. Teachers' children are subject to the same admission standards as all other applicants. It should be noted that provision for learning support is limited in scope.

Teachers arriving from overseas are entitled to tuition fee exemption at the College for up to three children per family, up to an allocation capacity maximum across the College. Teachers' children are subject to the same admission standards as all other applicants. It should be noted that provision for learning support is limited in scope.