

**7**

**EDUCATION**



## Education

Since its establishment, the Macao SAR Government has actively optimised non-tertiary and tertiary education in Macao, with a view to implementing the administration directions of “developing Macao through education” and “cultivating talents for the development of Macao” in various aspects, including institutions, resource allocation and planning. In addition, in adhering to the principle of diversity in tertiary education, the Government supports the autonomy of tertiary institutions, and coordinates the development of different tertiary institutions, to train talented persons who are internationally competitive.

### Non-tertiary Education

Macao is the first region in Greater China to provide 15 years of free education.

Since the promulgation of the Fundamental Law on Non-tertiary Education in 2006, non-tertiary education in Macao has been classified into two types: formal education and continuing education. The former includes kindergartens, primary schooling, secondary schooling, and special education; the latter includes family education, recurrent education, community education, vocational training and other education activities. Vocational and technical educations, which may be implemented as part of formal education or recurrent education, are only offered at senior secondary school level. The Macao school system comprises a free education network of public schools and subsidised private schools, together with private schools.

Private schools in Macao can be classified into two types: those following the local education system and those following a non-local education system. Non-profit private schools that follow the local education system may apply for entry into the free education network. The Government encourages schools to develop their own characteristics and style in terms of mission, curriculum development and teaching mode. The Government also supports the development of a diverse school system, to nurture more talent for society.

According to Education and Youth Affairs Bureau (DSEJ) statistics, there were 77 schools in Macao during the 2019/2020 academic year, of which 10 were public schools, while the remaining 67 were private. Among the 67 private schools, 64 offered formal education, and three offered only recurrent education. Among the 74 schools (including 10 public schools and 64 private schools) that offered formal education, 68 were in the free education network, five were in the paid education network and one followed a non-local education system. The number of schools in the free education system was 106, and the coverage rate has reached 95.5 percent.

During the 2019/2020 academic year, 81,730 students received non-tertiary education, with 80,463 of them receiving formal education. Of these, 19,265 (23.6 percent) attended kindergartens, 33,961 (41.6 percent) attended primary schools, 26,396 (32.3 percent) attended secondary schools, 761 (0.9 percent) received vocational and technical education, and 841 (one percent) attended special schools (excluding integrated education). Some 1,267 students were receiving recurrent education, including 74 primary school pupils (0.1 percent) and 1,193 secondary school students (1.5 percent), and 326 (0.4 percent) vocational school students.

During the 2019/2020 academic year, there were 7,407 teaching staff for non-tertiary education,

representing an increase of 3.9 percent over the 2018/2019 academic year.

## **Education and Youth Affairs Bureau**

The DSEJ is a government department responsible for developing, directing, coordinating, administering and evaluating non-tertiary education. It is also responsible for issues concerning young people, and for supporting youth associations and similar organisations.

## **Education Development Fund**

The Government established the Education Development Fund in 2007, to support and drive programmes and projects with good development prospects in non-tertiary education. The School Development Scheme is a major subvention scheme launched by the Education Development Fund.

In 2019, the Education Development Fund provided subsidies amounting to about 680 million patacas. There were two categories of the School Development Plan for the 2019/2020 academic year: fixed and variable subsidies. Fixed subsidies covered three areas – school-based training, books and newspapers procurement and professional staff. Variable subsidies covered three application plans: prioritised, school-based and others.

The Education Development Fund has enriched and revised the content of its original constitution, to further encourage schools to provide integrated education training to teaching staff, motivate schools to organise students to visit Guangdong-Hong Kong-Macao Greater Bay Area vocational training base, promote establishment of sister school alliances, and further support teachers and students visiting mainland China for exchanges. Other subsidised projects included large-scale campus reconstruction and expansion, and enhancement of learning and teaching facilities of local schools.

## **Compulsory Education**

Compulsory education is defined as universal education that is compulsory for all minors aged from five to 15. It begins in the first academic year when a child turns five years old, and finishes with the end of the academic year in which he or she reaches 15 years of age, or when he or she completes junior secondary education with a pass. The Government and education institutions are obliged to ensure that school-age children complete such education.

## **Free Education**

Since the 2007/2008 academic year, free education has been extended to cover the entire 15-year period of compulsory education: three years of kindergarten, six years of primary, three years of junior secondary and three years of senior secondary schooling.

To create favourable conditions for small-class teaching, the Government has reduced the number of pupils for each class from 35-45 pupils to 25-35 students. This began in the 2007/2008 academic year, initially covering the first year in preschool education, and was subsequently expanded to cover

more senior levels in the following academic years. By the 2017/2018 academic year, the ceiling for pupils per class was applied to all stages of schooling within the formal education curriculum.

In the 2019/2020 academic year, the class-teacher ratios in kindergartens, primary and secondary schools were enhanced to 1:2.1, 1:2.2, and 1:2.7, respectively. Also during the academic year, the teacher-student ratios in kindergartens, primary and secondary schools were enhanced to 1:13.8, 1:13.4 and 1:9.7, respectively.

## Subsidy and Financial Aid Schemes

The Government offered free education subsidies to private schools within the free education network. Students studying in schools that did not provide free education were provided tuition fee subsidies.

Education Level	2019/2020 Academic Year Free Education Subsidies (patacas)	2019/2020 Academic Year Tuition Fee Subsidies (patacas)
Kindergarten	1,013,100 per class	20,300 per student
Primary	1,111,300 per class	22,490 per student
Junior Secondary	1,343,100 per class	24,810 per student
Senior Secondary	1,523,400 per class	24,810 per student

In addition, during the 2019/2020 academic year, the Government continued offering textbook allowances to students who are Macao residents receiving formal education in Macao. The textbook allowances for each kindergarten pupil, primary school pupil and secondary school student were 2,300 patacas, 2,900 patacas and 3,400 patacas, respectively.

According to the Framework Agreement on Cooperation Between Guangdong and Macao, Macao should gradually offer tuition fee subsidies to Macao pupil and students studying in kindergartens and primary and secondary schools in Guangdong. In light of this, the DSEJ launched a pilot scheme in the 2012/2013 academic year to provide tuition fee subsidies for Macao students who studied in full-time regular senior secondary schools or full-time secondary vocational schools (senior secondary school level) in Zhuhai and Zhongshan, Guangdong Province. In the 2017/2018 academic year, the eligibility for the subsidies was extended to Macao students pursuing non-tertiary studies in 21 cities throughout Guangdong province.

The highest subsidies for each senior secondary school student, junior secondary school student and primary school student were raised to 6,000 patacas per academic year; those for each preschool pupil were raised to 8,000 patacas per academic year. In addition to providing tuition fee subsidies, the scheme organised summer courses, career development seminars and study visits in Macao for senior secondary school students. It also organised visits to Macao tertiary educational institutions

so that students could plan for their further education. In 2018/2019, 4,314 students were granted tuition fee subsidies amounting to about 27.21 million patacas.

In the 2012/2013 academic year, the Government launched the Subsidy Scheme for Enrolment of Outstanding Students to Pedagogical Programmes, to subsidise outstanding students to study in bachelor's degree programmes with pedagogical training. The students are required to work as teachers in educational institutions in mainland China or Macao during the academic year immediately after completing the programmes. In the 2018/2019 academic year, 399 students received subsidies to study in the programmes, and the subsidies totalled about 33.83 million patacas.

From the 2013/2014 academic year to the 2017/2018 academic year, the Subvention Scheme for Training Portuguese-speaking Teachers and Language Experts was implemented, to subsidise senior secondary school graduates for enrolment to bachelor's degree programmes in Portuguese and Spanish languages, master's degree programmes in education, and bachelor's degree programmes and/or master's programmes in applied foreign languages in Portugal. The Government and the Catholic University of Portugal have also reached a cooperation agreement on organising preparatory courses on Portuguese language and culture for Macao students who will continue their studies in Portugal. Students who pass these courses will be directly enrolled in the above programmes. To date, 81 students have participated in the scheme.

In the 2018/2019 academic year, the Programme for Cultivating Chinese-Portuguese Bilingual Talents in Multiple Disciplines was launched, offering 13 bachelor's degree programmes to senior secondary school graduates who intend to pursue studies in Portugal. By the 2019/2020 academic year, a total of 20 students participated in the programme.

## **Vocational and Technical Education**

The Education Development Fund continues to subsidise courses organised by private schools that cover vocational and technical skills with the schools' own characteristics and in accordance with the adequate diversification of Macao's economy. In the 2019/2020 academic year, subsidies for vocational and technical education courses totalling over 16 million patacas were granted to nine schools, which organised 80 classes in 35 programmes. The "Comprehensive Applied Learning Education" pilot programme also supported 16 schools to organise courses on 30 subjects related to applied skills. A total of 162 classes were organised; subsidies totalling over 5.4 million patacas were granted.

The final report on the public consultation on the Vocational and Technical Education System was announced on 11 January 2019. Communication with stakeholders will be maintained, to collect views from the public and ensure that legal amendments meet society's expectations.

## **Education for Pupils with Special Needs**

During the 2019/2020 academic year, there were 2,636 pupils in Macao with special needs; 1,795 of them were inclusive students, and 841 studied in small special education classes and special needs classes. In 2019, the DSEJ finished compiling the Supplement to the Special Education Curriculum Guide for six subjects: Chinese, Mathematics, General Studies, Science and Humanities, Physical

Education and Health, Information Technology and Fine Art. Measures in the supplement were implemented from the 2019/2020 academic year.

In 2019, the DSEJ organised several parent-child workshops on language, movement and learning, providing 543 pairs of parent-child training places, to help parents conduct training for their children at home.

## Life-long Learning

To support Macao's adequate economic diversification and development of a knowledge-based society, the Government launched the first and second phases of the Continuing Education Development Plan from 2011 to 2016. Over 140,000 and 160,000 Macao residents participated in the first and second phases, respectively, with participation rates of 36 percent and 41 percent of all eligible residents, respectively. The first and second phases involved subsidies of over 520 million patacas and 740 million patacas, respectively.

The third phase of the Continuing Education Development Plan (2017-2019) was launched in 2017. By 31 December 2019, this phase entailed subsidies totalling around 850 million patacas to more than 180,000 eligible residents. There were also some 33,000 applications for subsidies for participating in local tertiary education and overseas programmes.

During the 2019/2020 academic year, two public schools and six private schools offered recurrent education, to provide education opportunities to residents who have not completed formal education within school age. The DSEJ provides recurrent education subsidies to private schools offering recurrent education. The subsidies amounted to a maximum of 862,500 patacas, 1,032,500 patacas and 1,164,000 patacas per class for primary, junior secondary and senior secondary schools, respectively.

In October 2019, the DSEJ joined hands with the Cultural Affairs Bureau in organising the 2019 Life-long Learning Week, featuring some 100 activities.

In 2019, the Life-long Learning Incentive Award Scheme organised more than 30,000 learning activities of various types, providing more than 320,000 places. With a network of 474 organisations joining the scheme, the cumulative total of participants reached 4,238.

## Open Campus Campaign

Through the provision of subsidies by the Education Development Fund, schools cooperating in the Open Campus Campaign are encouraged to open their facilities for public use during non-working hours, so they can be used by students and citizens. In the 2018/2019 academic year, there were 12 private schools participating in the campaign.

## Curriculum Reform and Development

In the 2019/2020 academic year, the Framework of the Formal Education Curriculum and the Requirements for Basic Academic Aptitude in the Local Education System fully covered 15 years

of education, from kindergartens to senior secondary education, to optimise the curriculum structure and foster whole-person development of students.

To strengthen the history, culture and art education for secondary students and foster their patriotism, the above-mentioned Framework of the Formal Education Curriculum and the Requirements for Basic Academic Aptitude were revised in 2019, to state that History, Geography, Visual Arts and Music must be provided as independent and compulsory subjects in junior and senior secondary stages.

In 2019, teaching resources continued to be developed, including the trial version of General Studies for primary students, Portuguese for primary students, trial version of History for secondary students, and a new edition of Moral and Civic Education for senior secondary students. Teaching resources regarding the national flag, national emblem, national anthem, regional flag and regional emblem were also provided to schools, to ensure the effective implementation of the Requirements for Basic Academic Aptitude, and support teaching staff in organising teaching activities.

## **Professional Development of Teaching Staff**

In the 2018/2019 academic year, 621 teaching staff training activities were organised, providing 245,328 training places.

The Education Development Fund launched the Subvention Scheme for School-based Training, the Subvention Scheme for Off-the-Job Training and the Subvention Scheme for Study Leave. In the 2018/2019 academic year, 28,300 teachers participated in the Subvention Scheme for School-based Training.

In 2019, nine open classes in the teaching design award scheme were organised, and more than 1,027 teaching staff participated. Also, subsidies were given to 296 teaching staff for enrolment in pedagogical training programmes organised by tertiary institutions.

To support the professional development of leaders and management of schools in Macao, one semester of a training programme for potential school leaders and two semesters of a training programme for potential mid-level and senior-level school management were organised in 2019, attracting participation by 13 and 90 teaching staff, respectively.

## **Programme for International Student Assessment (PISA)**

The Programme for International Student Assessment (PISA), drawn up by the Organization for Economic Co-operation and Development (OECD), assesses the performance of 15-year-old school pupils of participating countries/economies in reading, mathematical and scientific literacy once every three years. Since 2003, Macao has participated in six PISA assessments.

The results of PISA2018 were announced in December 2019. Amongst the 79 countries/economies participating in PISA2018, Macao students aged 15 scored 525 in reading literacy, 558 in mathematical literacy and 544 in scientific literacy, ranking third globally in all three core literacies for the first time. The percentage of Macao students reaching baseline level (Level 2), i.e. the pass rate, ranked second globally, which is only lower than China (B-S-J-Z). OECD pointed

out that Macao is the only country/economy exhibiting not only high academic quality but also fast progress in education. Macao's basic education system is making progress based upon the previous test results, to provide continuous, high-quality and fair education for the student community, which ranks among the best in the world.

### **Progress in International Reading Literacy Study (PIRLS)**

The Progress in International Reading Literacy Study (PIRLS) is organised by the International Association for the Evaluation of Educational Achievement (IEA), and has been administered every five years since 2001. Its aim is to scientifically assess the reading literacy and level of primary-four pupils, and to explore factors that affect students' literacy. Results of the study are used as the basis for improving education policy on reading, teaching methods and reading habit, with an aim to further raise the reading literacy of students.

Based on the research results of PIRLS 2016, to strengthen teacher training, the Professional Development Programme for Teachers in Reading was held with 150 participating teachers. The opening ceremony of PIRLS2021 was held on 20 November 2019.

### **National Education**

More than 2,000 people from 82 schools and 28 youth organisations participated in the Flag-raising Ceremony for the May Fourth Youth Day for Macao Students in 2019. The first Macao Student Flag-raising Team was responsible for the ceremony. The team was sworn in after the ceremony.

The Guangdong-Macao National Experience Activity attracted participation by 69 junior secondary students from 26 schools. The Beijing-Hong Kong-Macao Exchange Summer Camp – Youth Hong Kong and Macao Tour 2019 attracted participation by nearly 400 students and teachers from Beijing, Hong Kong and Macao. The Beijing-Macao Primary School Students Exchange Camp 2019 in celebration of the 70th anniversary of the establishment of the People's Republic of China attracted participation by 55 pupils from 44 primary schools. The National Education Course 2019, which included a study of the situation in Macao and a visit to Hangzhou, attracted participation by 106 senior secondary students from 32 schools.

To strengthen education on the Constitution and the Basic Law – and commemorate the 26th anniversary of the promulgation of the Basic Law of the Macao Special Administrative Region, the Speech Contest on the Constitution and the Basic Law was held for the first time in 2019, attracting nearly 3,500 participants from 20 schools.

To further develop patriotic education, the DSEJ rolled out a wide array of activities, such as the Promotion of Diplomatic Knowledge Campaign, National Education Programme for Teenagers in Macao, Understanding and Loving China Study Tour Subsidy Scheme, and Explore the Ancient Capital - Beijing Art and Cultural Learning Experience Programme. In the 2018/2019 academic year, the activities attracted more than 16,000 participants.

Also, educational camps of various themes were organised, including an education camp on national defence and a military summer camp for young Macao students, assisting in students' all-

round development from experiential learning in three areas - self-care, patriotism and teamwork. In the 2018/2019 academic year, more than 3,400 students participated in these educational camps.

## Arts Education

In 2019, the DSEJ continued implementing the Students Popular Arts Education Scheme, covering primary six students to senior secondary three students. In the 2018/2019 academic year, 23,155 students from 55 schools participated in the scheme. The DSEJ also continued organising various arts education schemes and activities, including the Arts Education Snowball Project and the Macao School Bands Show.

## Student Welfare Fund

The Student Welfare Fund aims to subsidise social and educational activities to ensure that all Macao students can enjoy equal opportunities, and create a safe and healthy learning environment for students. At present, student welfare mainly covers tuition fee subsidies, meal allowances, allowances for textbooks and stationery, free insurance, and the milk and soy milk programme.

To encourage students to continue pursuing tertiary education and nurture professionals for the development of Macao, the DSEJ supports students whose families are experiencing financial difficulties and encourages outstanding students through the Tertiary Scholarship Scheme. It was expected that this scheme would benefit 6,403 students in the 2018/2019 academic year. The DSEJ also joined hands with banks to launch its Interest Subsidies for Student Loans Scheme, which benefited some 816 students in 2019 by subsidising 70 percent of payable loan interest during their studies. The remaining 30 percent of the subsidy will be issued to the students upon completion of their tertiary education courses.

## Non-tertiary Education Council

The Non-tertiary Education Council is a consultative body with representatives from many sectors of the community. Through participation, coordination, cooperation and reviews, the members work together to promote the development of education.

## Teaching Staff Professional Committee

The Teaching Staff Professional Committee comprises school leaders, representatives of education organisations, representatives of the DSEJ, people with well-recognised education achievements, and experts in the education sector and teachers.

The Teaching Staff Professional Committee discussed the standard of assessment of the professional development activity hours of teaching staff, and provided opinions on verifying teachers' overseas employment, early promotion of teaching staff and statements of objection. Also during the academic year, it set up a dedicated group for the Outstanding Teacher Awards. Reputable education experts and scholars from across the strait, Macao and Hong Kong were invited to form

the specialist panel, which was responsible for reviews and judging. Up to 15 teachers approved by the plenary meeting were granted Outstanding Teacher Awards, including secondary, primary, preschool and special education teachers.

## Youth Affairs

### Youth Affairs Council

The Youth Affairs Council is a consultative body that is responsible for providing professional advice and recommendations on formulating relevant policies, and evaluating the results of their implementation. The 2018 Youth Activity Awards and Civic Education Awards were presented, in accordance with the Regulations on Presentation of Youth Awards.

### Macao Youth Policy

The Macao Youth Policy (2012-2020) is a forward-looking and systematic policy document compiled by the Government to facilitate the all-round development of young people in Macao.

According to the review mechanism of the Macao Youth Policy, the interim review results of the first implementation period from 2012 to 2016 were completed and published in March 2017. In 2019, the Government continued promoting youth work through various channels, and prepared for the next round of medium-to-long-term plans for the youth policy.

The cross-departmental follow-up group of the Macao Youth Policy continued leveraging synergy of government departments through jointly organising the Greater Bay Area Experience Activity Series - Innovation Study Tour for Macao Young Entrepreneurs (Zhuhai) and the “Basic Law for Teens” – law promotion month targeting teenagers. The “Basic Law for Teens” featured 13 events with the Basic Law as the theme, attracting more than 31,000 participants.

In 2019, the Science and Technology Innovation and Entrepreneurship youth exchange session was held. It was attended by representatives from 11 public departments, who interacted with over 100 young participants, and listened to their opinions and suggestions.

Besides, the Government managed to keep a close track of the development needs of young people through regular consultations and monitoring by the Youth Affairs Council.

### Youth Indicators and Studies

To understand the situation of young people in Macao and promote the development of youth studies, the DSEJ continuously follows up on research and collection of information related to Macao Youth Indicators. The Macao Youth Studies Review 2018 was completed, while investigations and studies of the Social Survey on Macao Youth Indicators 2020 were launched during the year.

### Youth Activities and Sponsorships

To celebrate the 70th anniversary of the establishment of the People’s Republic of China, the 40th

anniversary of the establishment of diplomatic relations between China and Portugal, and the 20th anniversary of the establishment of the Macao SAR, in 2019 the Government formed a delegation of 69 teachers and students from Macao to participate in the “Happy Chinese New Year” event in Portugal; organised three large-scale international youth events – the International Youth Theatre Festival, the International Youth Dance Festival and the International Youth Music Festival, inviting nearly 80 teams from more than 40 countries and regions, attracting some 1,300 youth participants and more than 27,500 visitors; held two academic and youth performances to celebrate the 70th anniversary of the establishment of the People’s Republic of China and the 20th Anniversary of the Macao SAR, with participation by more than 500 students from kindergartens, primary and secondary schools in Macao, as well as youth from cities of the Greater Bay Area and Taiwan, attracting an audience of about 3,000 people.

The Photographic Exhibition about Mao Zedong – Commemoration of the 70th Anniversary of the Establishment of the People’s Republic of China and 20th Anniversary of the Establishment of the Macao SAR attracted more than 21,000 visitors. Nine movie screenings to celebrate the National Day were held for schools and young people, and attracted more than 6,000 teachers, students and young people to enjoy the patriotic movie *My People, My Country*. A celebration of the 70th Anniversary of the Establishment of the People’s Republic of China and the 20th Anniversary of the Establishment of the Macao SAR was held in Beijing for Macao youth residing in Beijing, attracting participation by nearly 300 teachers, students and young people from Beijing and Macao.

In 2019, the DSEJ organised 18 sessions of “Meeting with Young People” and the Award Presentation Ceremony for the Young Volunteers Award Programme 2018.

The organising committee of the youth activity series in commemoration of the May Fourth Movement, which was formed by various youth organisations in Macao, jointly organised a series of activities to commemorate the 100th anniversary of the May the Fourth Movement, including a touring exhibition, issuance of commemorative stamps and Youth Forum 2019, attracting more than 2,500 participants.

In 2019, subsidies totalling around 9.93 million patacas were provided to 86 youth organisations or associations which applied for funding under the Annual Subsidy Scheme for Activities of Youth Groups, to organise 493 projects or activities. The DSEJ continued to run the Caring for Growth of Youngsters subsidy scheme, to support organisations to develop programmes aiming to spread positive energy, and subsidised 89 activities organised by 40 groups. The subsidies totalled about 4.4 million patacas. The Greater Bay Area Youth Information Platform was also launched.

## School Sports, Cultural, Recreational, Mathematics and Popular Science Activities

The DSEJ arranges various sports, cultural, recreational, mathematics and popular science activities and competitions every year. It also sends school delegations to national and international competitions and achieves excellent results.

Regarding sports in 2019, the DSEJ organised the 2019/2020 Macao-Guangdong-Hong Kong-Fujian School Interport Football Games. It also sent school delegations to seven external inter-school sports competitions. The Macao delegation won various prizes including first place in the men’s

110m hurdles, first runner-up in the men's 100m, first place in the boys' 100m hurdles and 250m hurdles, first runner-up in the women's 100m, and second runner-up in the women's 4x100m for the teenagers' group at the Youth Olympic Games in Portugal.

Regarding activities related to mathematics and popular science in 2019, the DSEJ organised the 34th China Adolescents Science and Technology Innovation Contest, and arranged Macao school delegations to join 14 regional, national and international competitions – winning a total of 174 prizes, including six champions, three first runners-up, six second runners-up and one third runner-up at the International Robotic Olympiad 2019, and one third-class award at the Jinggang Cup China Southeast Mathematical Summer Camp. The Macao delegations achieved the best-ever results at the 34th China Adolescents Science and Technology Innovation Contest, including the President Award, which was the contest's highest honour, five first-class awards, four second-class awards and 25 special awards. All ten projects submitted by Macao students received prizes.

## Youth Facilities and Services

Under DSEJ's administration, there are two youth hostels and four youth centres. In 2019, 11,539 people stayed in the Cheok Van Youth Hostel and Hac Sa Youth Hostel. The Areia Preta Youth Centre, Experiential Centre for Young People, Outer Harbour Youth Centre and Bairro do Hipodromo Youth Centre aimed at providing services on group development, leisure education, arts education, and recreational and sports development, and continued providing a wide variety of activities that help young people to grow and develop, together with youth counselling services and training for volunteer workers. In 2019, about 640,000 people participated in the activities and used the facilities. The Bairro do Hipodromo Youth Centre and Experiential Centre for Young People continued providing night services till 2 am and 12 am, respectively, to cater for the different needs of young people using the facilities.

The Pavilion of Patriotism was established in May 2019, to provide an integrated multifunctional venue to enable Macao youth to understand Chinese culture, and the development of the country and Macao. The pavilion attracted some 4,000 visitors in 2019.

The DSEJ continued to provide more venues for use by youngsters for exhibitions and performances through the Juvenile Arts Exhibition and Performance Hall under its administration. In 2019, the Juvenile Arts Exhibition and Performance Hall held 25 exhibitions and 30 performances (31 sessions), attended by 27,370 people.

In 2012, the DSEJ began providing subsidies for schools to set up wellness centres. By December 2019, 30 fitness centres had been set up.

## Tertiary Education

Macao's modern tertiary education has flourished over the past 30 years. At present, there are 10 tertiary institutions in Macao – four public and six private institutions. There are universities with a mix of comprehensive teaching and research, professional polytechnic institutes that focus on practical teaching and learning, as well as specialist academies that cultivate talents in tourism and convention and exhibition, specialists in the gaming industry, professional nursing personnel,

and senior managers.

To keep in line with Macao's rapid social and economic development, tertiary institutions have organised a wider variety of tertiary education programmes with consideration of social and academic development, in order to cultivate talents required by the community.

The Government has established a new tertiary education system to offer tertiary institutions greater autonomy and flexibility, strengthen and enhance their standard of governance, provide sufficient resources for the overall development of tertiary education, and foster the continuous improvement of education quality.

During the 2019/2020 academic year, there were 2,598 teaching staff and 36,107 registered students in Macao's tertiary education institutions, where 300 programmes – including doctorate, master's and bachelor's degree programmes, postgraduate certificates and higher diploma (including associate degree) programmes – are offered.

In addition, overseas institutions were granted approval to offer a total of 27 tertiary educational programmes in Macao in 2019.

## Higher Education Bureau

According to By-law No. 1/2019, Organisation and Operation of the Higher Education Bureau, which came into effect on 11 February 2019, the Tertiary Education Services Office was renamed as Higher Education Bureau (DSES). It is a government department that assists in, follows up on and develops tertiary education in Macao.

## Tertiary Education Council

Established in 2018, the Tertiary Education Council is a consultative body which aims to listen to opinions from different sectors on tertiary education through the extensive participation of society, reach public consensus, and further facilitate communication and cooperation between the authorities and tertiary institutions, as well as among Macao tertiary institutions, to jointly foster the development of tertiary education.

## Tertiary Education Fund

The Government established the Tertiary Education Fund in 2018. It is responsible for implementing policies on tertiary institution funding and enhancing the quality of tertiary education, especially through fostering healthy competition among tertiary institutions; promoting equal access to tertiary education; providing subsidies and financial assistance in accordance with prioritised policies on tertiary education and development plans of tertiary institutions.

In 2019, the Tertiary Education Fund disbursed grants and subsidies totalling about 175 million patacas, including the Textbooks and Stationery Allowances for Tertiary Students, Postgraduate Scholarships, Macao Tertiary Institutions and Subsidies for Professional Development of Tertiary Teaching Staff, Tertiary Student Activity Fund, Education and Research Cooperation Subsidy

Scheme for Macao Tertiary Institutions, Specialised Subsidy Scheme for Macao Higher Education Institutions in the Area of Research in Humanities and Social Sciences, and Specialised Subsidy Scheme for the Tourism Education and Training for the Guangdong-Hong Kong-Macao Greater Bay Area.

## **Processing Applications to Launch and Revise Programmes**

In 2019, the Higher Education Bureau processed 107 applications by Macao tertiary educational institutions intending to launch new programmes or revise old ones; 88 of these applications were approved, 12 were withdrawn by the institutions concerned, and seven were in progress. The bureau also handled 22 applications from overseas tertiary educational institutions seeking to establish, revise or continue running programmes. A total of 17 such applications were approved, two were rejected and three were in progress. The bureau completed the processes for 131 course registration applications during the year.

## **Promoting Exchanges and Cooperation in Tertiary Education**

The Higher Education Bureau continues to facilitate various external cooperation projects within the tertiary education field, implement various agreements entered into with the Ministry of Education, the State Ethnic Affairs Commission, Guangdong Province and Portugal, to continue expanding the scope of external cooperation regarding Macao's tertiary education.

To seize the opportunities for development arising through major national policies such as the "Belt and Road" initiative and the Guangdong-Hong Kong-Macao Greater Bay Area, and strengthen exchanges and cooperation in science, technology and education with Hunan Province, the Higher Education Bureau was invited by the Hunan Provincial CPPCC to arrange a science and education delegation from Macao tertiary institutions to visit Changsha in December 2019.

During the visit, the University of Macau, Macau University of Science and Technology, Kiang Wu Nursing College of Macau, City University of Macau and University of Saint Joseph signed a cooperation agreement with Hunan Normal University and Hunan University of Chinese Medicine, to explore opportunities for ensuring in-depth cooperation progresses to new milestones.

In 2019, with approval from the Ministry of Education, Fudan University, Zhejiang University, Xiamen University, Huaqiao University, Wuhan University, Huazhong University of Science and Technology, Huazhong Normal University, Sun Yat-sen University, and Jinan University and South China Normal University continued to adopt the results of the Joint Admission Examination for Four Higher Education Institutions in Macao.

In addition, the Higher Education Bureau signed a cooperation agreement on accepting the results of the Joint Admission Examination for Four Higher Education Institutions in Macao with the Council of Rectors of Portuguese Universities and the Portuguese Polytechnics Coordinating Council. The Portuguese public universities and polytechnics under the two committees began admitting Macao students by adopting the results of the joint admission examination based on the agreement and the related regulations governing international students in Portugal.

To support the “Belt and Road” initiative and promote Macao tertiary education to Southeast Asian countries, in October 2019 the Higher Education Bureau organised delegations from Macao tertiary institutions to participate in the 16th China Education Fair in Indonesia and the OCSC International Education Expo in Thailand, and visit tertiary institutions in the two countries.

## **Recognition of Macao’s Higher Education Qualifications in China and Portugal**

On 26 September, the MSAR Government and the Ministry of Education signed the Memorandum on Mutual Recognition of Higher Education Qualifications and Academic Degrees between Mainland China and Macao. According to the memorandum, the scope of qualifications recognised in mainland China includes higher vocational (post secondary specialised college), bachelor’s, master’s and doctoral degrees, while those recognised in Macao include associate, bachelor’s, master’s and doctorate degrees. In addition, the two parties encourage and support cooperation between the tertiary institutions of both parties in recognising course credits.

In mid-May 2019, the MSAR Government and Portugal signed the Memorandum of Understanding between the Government of the Macao Special Administrative Region of the People’s Republic of China and the Government of the Portuguese Republic Conducting the Automatic Recognition of Diplomas and Academic Degrees, to establish the mechanism for mutual recognition of higher education degrees and diplomas. In response to the memorandum, the Agency for Assessment and Accreditation of Higher Education of Portugal announced the general resolution on automatic recognition of MSAR’s associate, bachelor’s (including double majors and double degrees), master’s and doctorate degrees in the *Portuguese Republic Gazette* on 8 October.

## **Coordination of Student Enrolments in Programmes of Macao Tertiary Educational Institutions Conducted on the Mainland**

During 2019, with approval from the Ministry of Education, University of Macau, Macao Polytechnic Institute, Institute for Tourism Studies, Macau University of Science and Technology, City University of Macau and Kiang Wu Nursing College of Macau continued to recruit students from 31 provinces, municipalities and autonomous regions in mainland China.

During the 2019/2020 academic year, 43,411 mainland China students applied to the above-mentioned six tertiary educational institutions in Macao. Of the 6,618 newly registered students, 774 enrolled in doctorate degree programmes, 2,319 in master’s degree programmes, 3,284 in bachelor’s degree programmes and 241 in university foundation courses.

## **Coordinating the Admission of Macao Students to Mainland Tertiary Institutions**

The Higher Education Bureau is one of the bodies that process the admission of Hong Kong, Macao and Taiwan undergraduates and postgraduates to China tertiary educational institutions.

In the 2019/2020 academic year, 282 and 1,138 students sat the Joint Examination for Admission to Mainland China Universities (Macao) and the examinations for admission of students by

recommendation to undergraduate programmes, respectively. In all, 88 and 1,044 students were admitted, respectively. In 2019, 65 students were admitted to mainland China universities, through their results in the Joint Admission Examination for Four Higher Education Institutions in Macao. Also, 418 students sat the examination for admission to postgraduate programmes in tertiary educational institutions in mainland China; 212 of them were admitted.

## **Tertiary Education Information and Admission Services**

The Higher Education Bureau has established a tertiary education information website, to provide information about tertiary education, public examinations and employment to the public. It also provides telephone and e-mail enquiry services. In 2019, it handled 303 relevant cases, with 122 enquiries made in person, 151 by telephone and 30 by e-mail. In addition, the Higher Education Bureau cooperated with various community groups and organisations in organising diverse activities that provided information about tertiary education and vocational preparation.

In 2013, the Higher Education Bureau set up a service centre for university students. It serves as a comprehensive service desk for tertiary students and Macao citizens who intend to pursue tertiary education. In 2019, there were 7,934 visitors, 55.79 percent of whom were tertiary students.

## **Tertiary Student Activities**

The Higher Education Bureau actively establishes exchange platforms for students of tertiary institutions, with a view to developing their worldview, strengthening their general knowledge and language competence, and encouraging them to go abroad for exchanges and learning, to broaden their global vision.

To enrich the extracurricular life of tertiary students and facilitate their all-round development, the Higher Education Bureau organises a wide variety of competitions, activities and exchange tours for them every year. It also works with different community groups and organisations in organising various competitions and activities related to culture, sports and professional skills.

## **Subsidies for Tertiary Student Activities**

Through the Tertiary Student Activity Fund, the Higher Education Bureau encourages and supports tertiary educational institutions, student organisations and social communities to organise activities that meet students' interests. In 2019, four institutions, 70 organisations (including non-profit tertiary student communities and social communities) and six tertiary students were subsidised to organise and participate in 505 tertiary student activities. The subsidies amounted to more than 13.4 million patacas.

## **Disbursing Postgraduate Scholarships**

During the 2019/2020 academic year, there were 137 new recipients of post-graduate scholarships, of which 25 were doctorate scholarships, five were for integrated master's and doctorate programmes, 105 were for master's degree scholarships, and two were for integrated bachelor's and master's

programmes. The amounts of these scholarships were 80,000 patacas, 70,000 patacas, 58,000 patacas and 51,000 patacas per year, respectively.

The Tertiary Education Fund cooperated with the Macao Foundation and Talent Development Committee to jointly launch the Scholarship Scheme for Master's Degree Courses at the University of Coimbra, Portugal. One student with a master's degree received the scholarship. The Tertiary Education Fund also cooperated with the Talent Development Committee to jointly launch the Postgraduate Degree Course Scholarship Program – Association of Principals of Portuguese-speaking Universities. Two doctorate students and four master's students received the scholarships.

To implement the initiatives in the Cooperation Agreement on Disbursement of Postgraduate Scholarships, which was entered into by the Government and the Ministry of Education and State Ethnic Affairs Commission, the Government nominates students who come to Macao for postgraduate programmes for scholarships (tuition fees, accommodation fees and living allowances). In the 2019/2020 academic year, 25 students were granted scholarships.

### **Textbooks and Stationery Allowances for Tertiary Students**

The Government continued to disburse the Textbooks and Stationery Allowances for Tertiary Students. Macao identity card holders who are studying for doctorate degrees, master's degrees, bachelor's degrees, vocational courses, diplomas or associate degrees, with learning periods of not less than two years in Macao or abroad, can register for the subsidy. In 2019, 33,859 eligible tertiary students received an allowance of 3,300 patacas.

### **CET4 and CET6 English examinations in Macao**

CET4 and CET6 written tests were held in June and December 2019, with a total of 2,414 candidates sitting for the tests in June, including 1,219 sitting for the CET4 test and 1,195 candidates sitting for the CET6 test; while 3,183 candidates sat for the tests in December, including 1,780 candidates sitting for the CET4 test and 1,403 candidates sitting for the CET6 test. Apart from the University of Macau, Macau University of Science and Technology and City University of Macau, Macao Polytechnic Institute were new centres for the tests in 2019.

### **Tertiary Education Quality Assurance**

To better implement the quality assurance system, the Government established a quality assurance expert group in 2019, and invited experienced experts in tertiary education quality assurance from mainland China, Hong Kong, Portugal, the United Kingdom, the United States, Australia and Malaysia as members. The two-year appointment period started from 1 January 2019. As a consultative body, the expert group is mainly responsible for providing professional advice on quality assurance, and supporting Macao tertiary institutions to establish and optimise quality assurance mechanisms, to further enhance the continuous improvement and recognition of tertiary education quality and keep in line with international standards.

In 2019, 19 applications for the Programme Review Evaluation Program were completed,

one was in progress and two were exempted. In addition, three applications for the Institutional Accreditation Evaluation Programme were completed, one of which was rejected.

The Higher Education Bureau continued inviting professional experts to organise quality-assuring training activities for teaching staff. It also connected with quality assurance organisations and assessment institutions around the world, for a better understanding of the latest information and development trends, as well as to enable relevant organisations and institutions to be aware of the development of Macao's tertiary education quality assurance, and create favourable conditions for future collaboration.

## **Verification of Qualifications**

In 2019, the Higher Education Bureau handled 410 written queries and five telephone queries from government departments. It also handled a total of 200 queries from the public, of which 11 were made in person, 150 by telephone, and 39 by e-mail.

## **Processing Applications for Subsidies for Macao Tertiary Institutions and Professional Development Subsidies for Teaching and Research Staff**

The Tertiary Education Fund provides funding to assist tertiary institutions in improving their teaching equipment and facilities, raising education quality, and encouraging the institutions' teaching staff to actively participate in and commence academic and professional activities that are conducive to their personal and professional development.

In 2019, subsidies were granted for 10 projects on the optimisation of teaching equipment and improvement of teaching and scientific research quality, two projects by Macao Academic Library Alliance for procuring an electronic database and related system maintenance, 68 projects on professional development of teaching staff, and one project on activities related to tertiary education organised by student organisations. The total subsidies totalled approximately 26.03 million patacas.

## **Chinese and Portuguese Bilingual Talent Training, Education and Research Cooperation Subsidy Scheme for Macao Tertiary Institutions**

To foster the development of cultivation of talents who are bilingual in Chinese and Portuguese, and to facilitate cooperation between Macao, mainland China, other Asia-Pacific regions and Portuguese-speaking countries in tertiary education, the Tertiary Education Fund continued with the Chinese and Portuguese Bilingual Talent Training, Education and Research Cooperation Subsidy Scheme for Macao Tertiary Institutions, and provided subsidies totalling about 4.18 million patacas to 21 eligible projects that applied for funding in 2019.

## **Specialised Subsidy Scheme for Tourism Education and Training for the Guangdong-Hong Kong-Macao Greater Bay Area**

In order to leverage the academic advantages of Macao tertiary institutions in tourism education and training, continue to facilitate the training of talents in tourism, and foster cooperation in tertiary

education between Macao and other regions in the Greater Bay Area, the Tertiary Education Fund continued implementing the Specialised Subsidy Scheme for Tourism Education and Training for the Guangdong-Hong Kong-Macao Greater Bay Area. In 2019, six projects received subsidies totalling about 330,000 patacas.

### **Specialised Subsidy Scheme for Macao Higher Education Institutions Covering Research in Humanities and Social Sciences**

The Tertiary Education Fund launched the Specialised Subsidy Scheme for Macao Higher Education Institutions in the Area of Research in Humanities and Social Sciences for the first time in 2019, to facilitate and encourage Macao tertiary institutions to cooperate in joint research projects related to the Humanities and Social Sciences (or cross-discipline) with tertiary institutions or organisations in mainland China or abroad. In 2019, 26 research projects received subsidies totalling about 900,000 patacas.

### **Macao Academic Library Alliance**

Coordinated by the Higher Education Bureau, nine tertiary institutions carried on their mission to “Build together, Plan together, Share together and Use together”, and jointly established the Macao Academic Library Alliance. The alliance endeavours to allow the use of resources to the fullest through sharing resources and information among the libraries of the tertiary institutions.

In 2019, the Tertiary Education Fund continued supporting the alliance’s procurement of an electronic database, established MALA HUB and built scientific research and patent analysis tools, with a subsidy of 16 million patacas.

## **Tertiary Educational Institutions**

### **University of Macau**

Founded in 1981, the University of Macau is an international public integrated university with a modern governance model. With English as the main medium of instruction, 80 percent of its teaching fellows are from around the world. The university implements the whole-person approach and develops Asia’s leading residential college system. Its faculties are Arts and Humanities; Business Administration; Education; Health Sciences; Law; Social Sciences; Science and Technology; Honours College; Graduate School and Centre for Continuing Education. Other research institutes include Institute of Chinese Medical Sciences, Institute of Applied Physics and Materials Engineering, Institute of Collaborative Innovation, Institute of Microelectronics and Institute of Advanced Studies in Humanities and Social Sciences.

Three state key laboratories have been established on the campus of the University of Macau, focusing on microelectronics, Chinese medicine and smart city Internet of Things (IoT). The State Key Laboratory of Internet of Things for Smart City was approved in 2018, to promote developing Macao as a smart city. In 2019, the University of Macau was ranked among the Top 400 World Universities and ranked 42nd in the Asia University Rankings by the *Times Higher Education*; and

ranked 443rd by the QS World University Rankings.

During the 2019/2020 academic year, the University of Macau offered 99 doctorate programmes, master's degree programmes, bachelor's degree programmes, and postgraduate diploma programmes. In 2019, it had 754 full-time teaching staff and 10,974 registered students.

## **Macao Polytechnic Institute**

Established in 1991, the Macao Polytechnic Institute (MPI) is a public tertiary educational institution adopting an applied academic approach. It comprises the School of Arts, School of Applied Sciences, School of Business, School of Humanities and Social Sciences, School of Health Sciences and Sports, and School of Languages and Translation. It also has various academic units and training centres, and the first Engineering Research Centre in Hong Kong and Macao approved by the Ministry of Education. The institute continues fostering scientific research and development in major areas such as Chinese-Portuguese-English Translation, Technology and Innovation, Gaming Management, and Arts and Creativity, and cooperates with world renowned universities for high-level academic achievements.

It is the first tertiary institution in Asia that has passed the assessment of the Quality Assurance Agency for Higher Education (QAA), the first tertiary institution to receive the National Teaching Achievement Award in Macao, the first tertiary institution in the country to have twice received the Asia Pacific Quality Award. In 2019, the institute was approved by the Government to offer doctorate and master's degree programmes.

During the 2019/2020 academic year, the institute offered 29 master's and bachelor's degree programmes (including supplementary programmes). In 2019, it had 406 teaching staff and 3,515 registered students.

## **Macao Institute for Tourism Studies**

The Institute for Tourism Studies (IFT) is a public tertiary education institution established in 1995, with the mission to foster leaders with professional knowledge and technical competence in the tourism industry. It was the first educational institute to obtain the TedQual Certification from the United Nations World Tourism Organization. It currently offers eight bachelor's degree programmes in tourism, the highest number of such programmes worldwide, with accreditation.

In 2017, the IFT became the world's first higher education institution to pass the International Quality Review (IQR) from the QAA, UK. In 2019, the IFT ranked 33rd globally and fifth in Asia in Hospitality and Leisure Management on the QS World University Rankings, and ranked among the 50 top universities in the world.

The IFT has built an extensive global network with industrial partners, and has teaching staff from around the world. It provides hundreds of professional training programs that attract employed persons.

During the 2019/2020 academic year, the institute offered 16 master's degree programmes, bachelor's degree programmes, postgraduate diploma programmes and higher diploma courses. It

had 160 teaching staff and 1,706 registered students for its tertiary education programmes.

### **Academy of Macao Public Security Forces**

Established in July 1988, the Academy of Macao Public Security Forces is a training department under the Secretariat for Security, as well as one of the tertiary education institutes in Macao. It is responsible for offering bachelor's degree programmes in Police Sciences, Prison Security and Protection and Safety Engineering; master's degree and doctorate programmes in internal public safety, criminal science, disaster and rescue, civil defence, customs and maritime transportation monitoring activities and prison security; and other diploma programmes and certificate courses. It also co-organises promotion courses with the security forces and security departments according to the ranking system; and provides pre-employment training for persons applying to join the Public Security Police, Fire Service, Customs Service and Prison Guard Service.

In the 2018/2019 academic year, the school offered two bachelor's degree programmes. There were 29 teachers on campus and 46 students enrolled in higher education programmes.

### **The City University of Macau**

The City University of Macau is a non-profit making private comprehensive university providing tertiary education. The university comprises faculties of International Tourism and Management, Business, Humanities and Social Sciences, Innovation and Design, Finance, Education, and Law, as well as the Graduate School, the Open Institute, and the School of Continuing Studies.

The City University of Macau also has 11 research institutions, including the Research Centre for Macau Social and Economic Development, Institute for Research on Portuguese-speaking Countries, Macau One Belt, One Road Research Centre, Institute of Smart Tourism Research, Institute of Data Science, and Institute of Psychoanalysis.

During the 2019/2020 academic year, the university offered 38 doctorate, master's and bachelor's degree programmes. It had 390 teaching staff, and 5,717 registered students.

### **University of Saint Joseph**

The predecessor of the University of Saint Joseph, the Macau Inter-University Institute (IIUM), was established in 1996 and renamed University of Saint Joseph in December 2009. It is a private Catholic University.

The main campus of the university has three sub-campuses – the Seminary Campus, NAPE Campus and Ilha Verde Campus, with the Faculty of Religious Studies, Institute of Science and Environment, School of Business and Law, Faculty of Humanities, Faculty of Social Sciences, School of Education, Faculty of Creative Industries, and Lifelong Learning Office. All bachelor's degree programmes are taught in English, except the Master of Arts in Portuguese Studies programme, which is taught in Portuguese. In 2019, the university became a member of Magna Charta Universitatum.

In the 2019/2020 academic year, the university offered 39 doctorate, master's and bachelor's degrees, as well as postgraduate diploma and higher diploma (associate degree) programmes. It had 151 teaching staff and 1,228 registered students.

### **Kiang Wu Nursing College of Macau**

The Kiang Wu Nursing College of Macau was formerly the Kiang Wu Nursing and Midwifery School, and it was established in 1923 which then became private institute in November 1999. This college is the oldest nursing institute in Macao. In the institutional quality audit conducted by the Quality Assurance Agency for Higher Education (QAA) from the United Kingdom, the QAA placed confidence in four aspects of good practice. The college provides bachelor's degree, master's degree and postgraduate certificate and diploma programmes in nursing and health sciences. The new campus at the Islands District Medical Complex was completed in October 2019, and will commence operations in the 2020/2021 academic year as planned.

During the 2019/2020 academic year, the college offered five master's degree, bachelor's degree (including a supplementary programme), and postgraduate diploma programmes. It had 33 teaching staff and 427 registered students.

### **Macao University of Science and Technology**

Established in March 2000, the Macao University of Science and Technology (MUST) is the first non-profit integrated university since the founding of the Macao SAR. The university comprises the Faculty of Information Technology, School of Business, Faculty of Law, Faculty of Chinese Medicine, Faculty of Hospitality and Tourism Management, Faculty of Humanities and Arts, Faculty of Medicine, University International College, School of Pharmacy, School of Graduate Studies, Department of General Education and School of Continuing Studies.

It has also established several research institutes and research centres, including the State Key Laboratory of Quality Research in Chinese Medicine, the State Key Laboratory of Lunar and Planetary Science, the Biophysical Laboratory for Chinese Medicine, the Institute for Social and Cultural Research, the Smart City Institute and the Macau Research Center for International Standard of Chinese Medicines. The University Hospital under the MUST Foundation serves as a base for clinical teaching, research and internships for the Faculty of Chinese Medicine and the Faculty of Medicine.

In 2019, the MUST ranked 20th among universities in the four cross-strait regions of mainland China, Taiwan, Hong Kong and Macao, and ranked among the Top 300 universities in the World University Rankings by *Times Higher Education*.

During the 2019/2020 academic year, the university offered 64 doctorate, master's and bachelor's degree programmes. It had 612 teaching staff and 12,131 registered students.

### **Macao Institute of Management**

Macao Institute of Management (MIM) was established in 1988. It is the academic arm of the

Macau Management Association, specialising in providing education and training services. With Government approval, in July 2000 MIM was upgraded to become a higher education institution nurturing business talents.

The institute offers a four-year Bachelor of Business Administration Degree Programme, a two-year Associate of Business Administration Diploma Programme, and a one-year Professional Diploma Programme adopting the integrative learning approach, integrating electronic learning and face-to-face teaching. Students can arrange their online class time according to their own schedule. It also works with an overseas university in jointly organising a master's degree programme. In 2019, the Bachelor of Business Administration with Specialisation in Professional Accountancy programme was accredited by the Association of Chartered Certified Accountants (ACCA).

The institute offered six bachelor's degree and higher diploma (including associate degree) programmes during the 2019/2020 academic year. It had 30 teaching staff and 237 registered students.

### Macau Millennium College

The Macau Millennium College is a private tertiary education institution established in August 2001. To accommodate the needs of students who are full-time employees or shift workers, the college offers "shift classes for shift workers". The two shift classes have identical lecture content. Students can choose to attend either the morning or evening sessions. Lecturers are mainly internationally renowned professors from the University of Hong Kong and the Chinese Academy of Social Sciences.

During the 2019/2020 academic year, the college offered two bachelor's degree and higher diploma (associate degree) programmes, taught by 33 teaching staff, with 126 registered students.

*Note: The above statistics for teaching and administrative staff, students and programmes of Macao tertiary educational institutions were provided by the Higher Education Bureau. Statistics for the 2019/2020 academic year were collected on 31 October 2019.*



## Drawing Contest





Macao Student Drawing Contest is an annual event hosted by the Chinese Educators' Association of Macau, with high recognition and participation among local schools. Using only pens, brushes, paint and paper, participants create with a variety of art forms, including watercolour and pastel painting, traditional Chinese painting, oil painting and sketching. The event not only improves teachers' standards, but also helps realise students' creative potential.

