ASIIN Seal

Accreditation Report
Based on an Evaluation Report

Bachelor Degree Programme
Computer Science and Technology

Provided by
Taishan College of Science and Technology (China)

Version: 24 September 2024

Table of Content

Preliminary Note

The following paragraphs are based on the *evaluation report* concerning the named degree programme dated from July 14, 2022, in particular the results of the peers' analysis and assessment summarized in section D of the evaluation report. Thus, the evaluation report is the main reference document and substantial base of the accreditation procedure. This report is drafted entirely along the lines of the ASIIN General Criteria and the Subject-Specific Criteria of the relevant Technical Committees 02 – Electrical/Information Technology as well as 04 – Informatics/Computer Science. Hence, ESG 1.1 to 1.10 are fully covered in the combined evaluation and accreditation procedure, as in the respective conclusions of the peers and the Technical Committees (sec. E and F) and in the final decision of the Accreditation Commission (sec. G).

Since the evaluation procedure is geared towards a potentially ensuing accreditation from the start, the results of the evaluation are summarized accordingly. Thus, "critical concerns", "major recommendations" and "minor recommendations" in the evaluation procedure are considered equivalent to "conditions" (in case of a "suspension of the procedure"), "requirements" (in case of an "accreditation with reservation"), and "recommendations" (in case of an "accreditation with or without reservation"). Consequently, it is ensured that these categories could be easily translated into a proposal for the accreditation of the programmes. Due to these framework conditions, the accreditation procedure is conducted in a shortened manner, in particularly waiving an additional audit visit of the peer group. A statement of the HEI to the evaluation report, though, is a regular part of that procedure and, as a rule, is regarded in the peers' recommended resolution (see sec. D and E).

It is necessary to note that TCST has limited its application for accreditation to the *Computer Science and Technology* (CST) Bachelor programme/major, while at this stage dispensing with an application for the *Data Science and Big Data Technology* (DST) programme/major and the *Internet of Things Engineering* (IoT) programme/major.

A About the Accreditation Process

Name of the degree programme (in original language)	(Official) English translation of the name	Labels applied for [1]	Previous accreditation (issuing agency, validity)	Involved Technical Committees (TC)[2]
计算机科学与技术	Computer Science and Technology (CST)	ASIIN	--	**04**, 02
Date of the contract: 12.10.2022 **Date of the onsite visit of the preceding evaluation procedure: 18.-20.05.2022** (Remote Audit) **Date of the peer team's statement concerning the accreditation**: 14.11.2022				
Peer panel: Prof. Dr. Dirk Dahlhaus, University of Kassel Prof. Dr. Reimar Hofmann, Karlsruhe University of Applied Sciences Dr. Antonia Schoening, Siemens AG Siqi Zhang, Undergraduate student at Tongji University (China)				
Representative of the ASIIN headquarter: Dr. Siegfried Hermes				
Responsible decision-making committee: Accreditation Commission for Degree Programmes				
Criteria used: European Standards and Guidelines as of May 15, 2015 ASIIN General Criteria as of December 07, 2021				

[1] ASIIN Seal for degree programmes

[2] TC: Technical Committee for the following subject areas: TC 02 - Electrical Engineering/Information Technology; TC 04 - Informatics/Computer Science.

Subject-Specific Criteria of Technical Committee 02 – Electrical Engineering/Information Technology as of December 9, 2011

Subject-Specific Criteria of Technical Committee 04 – Informatics/Computer Science as of March 29, 2018

B Characteristics of the Degree Programme

a) Name	Final degree (original/English translation)	b) Areas of Specialization	c) Corresponding level of the EQF[3]	d) Mode of Study	e) Double/Joint Degree	f) Duration	g) Credit points/unit	h) Intake rhythm & First time of offer
Computer Science and Technology	Bachelor of Engineering	--	6	Full time	n/a	8 semesters	240 ECTS	Fall semester

[3] EQF = The European Qualifications Framework for lifelong learning

C Statement of the Higher Education Institution (23.10.2022)

After the completion of the foregoing evaluation, the institution provided a short statement on the issues raised by the peer team as well as the following additional documents:

- Semester Course Logical Structure (Appendix A 1 to the statement)
- Professional Course Relationship Chart (Appendix A 2 to the statement)
- Computer Science and Technology Graduation Internship Syllabus (Appendix B to the statement)
- Professional Course Descriptions (Appendix C to the statement)

D Final assessment of the peers based on the evaluation report and the statement of the HEI (14.11.2022)

Curriculum of programme (ASIIN 1.3)

The peers take note that TCST has limited its application for accreditation of Bachelor degree programmes following a foregoing evaluation to the CST programme. Hence, the DST and IoT programmes/majors are left aside presently.

At a first glance, this decision seems to follow the peers' strong suggestion to start a thorough revision of its curriculum design strategy, thereby substantially relying on the well-established CST programme. TCST's full statement however suggests that the college is just intent to begin the accreditation process with the already long-running CST programme, where feedback from stakeholders and relevant statistical data about the achievement of the quality aims is available for a considerable period. Explicitly, TCST claims to postpone a potential accreditation of the DST and IoT majors envisaging to resume the process for these programmes later.

Thus, TCST seems to almost entirely attribute the peers' major concerns about the curricula of the reviewed degree programmes in the preceding evaluation to the newly developed programmes DST and IoT. Moreover, the college seemingly traces these deficiencies back to an obvious lack of evidence in terms of stakeholder feedback and statistics about student progression and student success; but this is a profound misunderstanding. In their assessment of three closely connected degree programmes of TCST, the peers were always dealing with content-wise and structural deficits closely related to each of these programmes and, as a matter of fact, their mutual impact. Hence, focusing on one study programme only by formally disregarding the others in an accreditation procedure without indicating any serious consideration of the peer group's arguments obviously does not solve any of those deficits. Consequently, the peers strongly confirm their opinion that the design and structure of all three programmes – irrespective of the limited application for accreditation of the CST programme only – have to be treated and revised jointly according to the detailed comments in the evaluation report (see below, sec. E, condition 1).

Structure of programme / Logical consistency (ASIIN 1.3)

The peers appreciate the logical charts presented by TCST, which contributes to clarifying the inner structure and logical order of the CST programme. However, even the charts show

inconsistencies, for instance, regarding the logical relationship between the courses *Computer Networks* (in semester 4) and *Operating Systems* (in semester 5), where both are alternatively indicated as prerequisite knowledge field.

Moreover, since the peer group stresses the close connection of the programmes and the relevance of this for the identified deficiencies (see above paragraph), the structural and substantial consistency needs to be reflected within and across the programmes – irrespective of the actual restriction of the application for accreditation. The peers therefore consider it necessary that TCST provides evidence of this issue, e.g. by presenting not only logical charts but also, for instance, revised/adapted course descriptions consistently reflecting the logical sequence and structure of the curriculum (see below, sec. E, condition 2).

Consistency of English versions of programme-related information and documents (ASIIN 4)

The peers point out that the results of the necessary revision of the CST (and the accompanying DST and IoT programmes) need to be collected in respective programme-related study information (in particular course descriptions (syllabus) and study plans). Apart from the original Chinese version, there must also be a reliable and consistent English translation, at least for the purpose of the ongoing accreditation procedure (see below, sec. E, condition 3).

Graduation practice (mandatory internship) (ASIIN 1.3)

The peers take note of TCST's comments regarding the duration of the graduation practice. They acknowledge TCST's argument that while the length of the graduation internship is principally limited to eight weeks, there might be individual exceptions of this rule. Such exceptional cases would then have to be applied for, approved and assessed in a manner consistent with the aims of overall comparability and fairness of the graduation stage. The presented "Graduation Practice outline" for the CST programme, which entails meaningful information about the prerequisites, learning objectives, contents, credit size, workload, time schedule, requirements, and reporting, attests to this claim. As a result, the peers' doubts about an apparently insufficient regulation of this compulsory part of the curriculum have been removed. Still, the peers require proof that the "Graduation Practice outline" is put into practice and made available to the stakeholders, in particular students and lecturers (see below, sec. E, potential requirement 1).

English proficiency of the teaching staff (ASIIN 3.1)

The peers take note of TCST's argument in favour of the already achieved English proficiency on the lecturer's side. However, in their eyes the foreign language skills of the teaching staff as portrayed in the course of the auditing process do hardly validate TCSTS's argument. That is why the peers consider a requirement to this end necessary (see below, sec.

E, potential requirement 2). TCST should provide evidence of measures already taken or a detailed plan on how to improve the lecturers' language skills.

Qualification of the teaching staff (ASIIN 3.1)

The peers welcome TCST's explicit intention to increase the number of PhD holders within the teaching staff. They have argued in favour of that in the respective chapter of the evaluation report. In order to evidence a tangible leap forward in this regard, the peers consider serious further steps in connection with a reliable recruitment strategy necessary (see below, sec. E, potential requirement 3).

Monitoring of student workload (ASIIN 1.5)

According to the statement of TCST, the college is already committed to closely observe the factual workload of students per course and to refine its monitoring. Although the peer team does not doubt TCST's claim, the presented examples of classroom management cannot stand for a systematic and reliable monitoring mechanism. Moreover, the learner-oriented philosophy underlying the ECTS system is still unfamiliar to Chinese students and lecturers. In order to customize the ratio behind it in the college and likewise to systematically include the students' self-assessment in this exercise, the peers hold on their preliminary assessment and propose a respective requirement (see below, sec. E, potential requirement 4).

Provision of course specifications (ASIIN 4.1)

The peers are thankful for the provision of course descriptions for the professional courses in the CST programme. They understand TCST's indication of the logic behind the already accessible versions of the "module handbook" and the lengthy collection of course descriptions belonging to a common competence area. Yet, not least from a practical point of view, it is reasonable to have in place course descriptions, which could easily be found and used for information purposes. In addition, the essential reference units of the curriculum (i. e. courses instead of modules) would be correctly addressed. Whether the course descriptions are additionally grouped according to their respective competence areas would be a minor point. The accessibility of the course descriptions (as presented in the annexes to the statement of TCST) needs to be validated. Furthermore, a revision of the descriptions in accordance with the peers' comments in the evaluation report must be evidenced (see below, sec. E, potential requirement 5).

English proficiency of students (ASIIN 1.1, 1.3)

In its statement on the evaluation report, TCST points to the four semesters of college-level English courses and one semester of professional English courses already integrated in the

programme. The peers are fully aware and principally welcome this concept. However, in the discussion with students they have not experienced a corresponding level of English skills. TCST should consider other (curricular and extra-curricular) measures to improve the students English language proficiency. A recommendation underlining this is therefore adopted from the evaluation report (see below, sec. E, potential recommendation 1).

Establishing a network of partner institutions (ASIIN 3.2)

Strategically developing and fostering a network of (national and internal) partner institutions in the target fields of expertise could be a major asset when it comes to the quality development of the degree programmes. Hence, the peers adapt a respective recommendation of the evaluation report (see below, sec. E, potential recommendation 2).

E Summary: Peer recommendations (14.11.2022)

Based on the evaluation procedure and taking into account the additional information and the comments given by TCST, the peers summarize their analysis and **final assessment** for the award of the seals as follows:

Degree Programme	ASIIN Seal	Maximum duration of accreditation
Ba Computer Science and Technology	Suspension (18 months at a maximum)	–

Conditions for resumption of the procedure

C 1. (ASIIN 1.1, 1.2., 1.3) It must be seriously considered whether the Computer Science and Technology programme could serve as a curricular framework for developing one programme with different focus areas or, alternatively, as a starting point for consequently designing the curriculum of different majors. In any case, the name, learning outcomes and contents of the programme need to reasonably correspond to each other.

C 2. (ASIIN 1.3) The structure of the study programme needs to be framed consistently with courses logically and progressively building on each other in accordance with international standards.

C 3. (ASIIN 4) Clarity and consistency of information in English versions of major study-related documents (in particular the module/course handbooks and study plans) must be ensured.

Potential Requirements

A 1. (ASIIN 1.3) The "Graduation Practice outline" – presented along with the statement of the college – must be put into practice and made available to the stakeholders, especially students and lecturers.

A 2. (ASIIN 3.1) The English proficiency of the lecturers needs to be improved to enable them to deal with state-of-the art English literature in the different fields and, ultimately, to strengthen their capacity to constantly update the programmes in accordance with the demands of science and technology.

A 3. (ASIIN 3.1) The number of PhD holders within the ranks of the professorial staff must be raised in order to keep up and further develop the academic quality level of the degree programme. Thereby, the targeted percentage of PhD holders should be justified in view of the competencies to be achieved among the students.

A 4. (ASIIN 1.5) A mechanism for monitoring student workload must be established and implemented to identify potential discrepancies between calculated and factual student workload in a timely manner and to respond adequately.

A 5. (ASIIN 4.1) The accessibility of the course descriptions (as presented in the annexes to the statement of TCST) needs to be validated. In addition, a revision of the descriptions in accordance with the peers' comments in the evaluation report must be evidenced.

Potential Recommendations

E 1. (ASIIN 1.1, 1.3) It is recommended to further strengthen the English proficiency of students in order to support the academic mobility.

E 2. (ASIIN 3.2) It is recommended to strategically establish and expand a network of (national and international) partner institutions in target fields of expertise.

F Comment of the Technical Committees

F-1 Technical Committee 02 – Electrical Engineering/Information Technology (Circulation Procedure November 2022)

Assessment and analysis for the award of the ASIIN seal:

The Technical Committee discusses the procedure and fully agrees with the assessment of the peers. It also recommends a suspension of the procedure and considers the proposed conditions as well as possible requirements and recommendations adequate.

The Technical Committee 02 – Electrical Engineering/Information Technology recommends the award of the seal as follows:

Degree Programme	ASIIN Seal	Maximum duration of accreditation
Ba Computer Science and Technology	Suspension (18 months at a maximum)	–

F-2 Technical Committee 04 – Informatics/Computer Science (29 November 2022)

Assessment and analysis for the award of the ASIIN seal:

The Technical Committee discusses the accreditation procedure. A motion in favor of rejecting the accreditation with respect to the severity of the conditions has been declined. Thus, the TC follows the assessment of the peers without any changes.

The Technical Committee 04 – Informatics/Computer Science recommends the award of the seal as follows:

Degree Programme	ASIIN Seal	Maximum duration of accreditation
Ba Computer Science and Technology	Suspension (18 months at a maximum)	–

G Decision of the Accreditation Commission (09.12.2022)

Assessment and analysis for the award of the subject-specific ASIIN seal:

The Accreditation Commission discusses the procedure intensively and follows the assessment of the peers without any changes.

The Accreditation Commission decides to award the following seals:

Degree Programme	ASIIN Seal	Maximum duration of accreditation
Ba Computer Science and Technology	Suspension (18 months at a maximum)	

Suspension

Conditions for resumption of the procedure

C 1. (ASIIN 1.1, 1.2., 1.3) It must be seriously considered whether the Computer Science and Technology programme could serve as a curricular framework for developing one programme with different focus areas or, alternatively, as a starting point for consequently designing the curriculum of different majors. In any case, the name, learning outcomes and contents of the programme need to reasonably correspond to each other.

C 2. (ASIIN 1.3) The structure of the study programme needs to be framed consistently with courses logically and progressively building on each other in accordance with international standards.

C 3. (ASIIN 4) Clarity and consistency of information in English versions of major study-related documents (in particular the module/course handbooks and study plans) must be ensured.

Potential Requirements

A 1. (ASIIN 1.3) The "Graduation Practice outline" – presented along with the statement of the college – must be put into practice and made available to the stakeholders, especially students and lecturers.

A 2. (ASIIN 3.1) The English proficiency of the lecturers needs to be improved to enable them to deal with state-of-the art English literature in the different fields and, ultimately, to strengthen their capacity to constantly update the programme in accordance with the demands of science and technology.

A 3. (ASIIN 3.1) The number of PhD holders within the ranks of the professorial staff must be raised in order to keep up and further develop the academic quality level of the degree programme. Thereby, the targeted percentage of PhD holders should be justified in view of the competencies to be achieved among the students.

A 4. (ASIIN 1.5) A mechanism for monitoring student workload must be established and implemented to identify potential discrepancies between calculated and factual student workload in a timely manner and to respond adequately.

A 5. (ASIIN 4.1) The accessibility of the course descriptions (as presented in the annexes to the statement of TCST) needs to be validated. In addition, a revision of the descriptions in accordance with the peers' comments in the evaluation report must be evidenced.

Potential Recommendations

E 1. (ASIIN 1.1, 1.3) It is recommended to further strengthen the English proficiency of students in order to support the academic mobility.

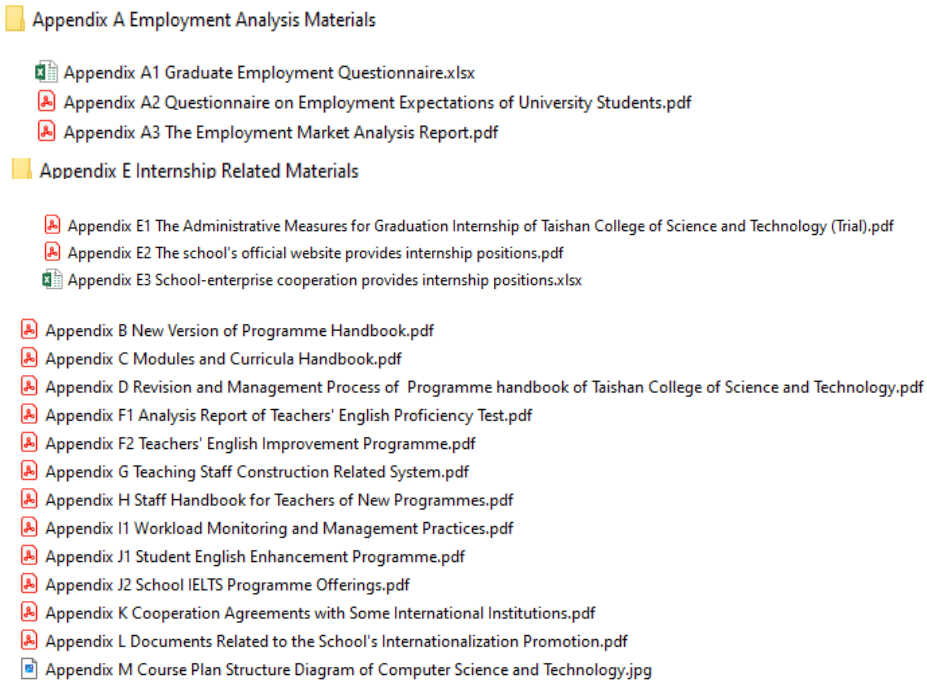
E 2. (ASIIN 3.2) It is recommended to strategically establish and expand a network of (national and international) partner institutions in target fields of expertise.

H Resumption of the procedure for the Bachelor Programme Computer Science and Technology

H-1 Progress Report of the Higher Education Institution (05.04.2024)

After the completion of the downstream accreditation procedure, the institution provided a progress report and corresponding additional documents. In its progress report, TCST describes the measures taken to further develop the Computer Science and Technology programme, thereby overcoming the concerns raised by the experts. Thus, TCST explicitly addressed the conditions as well as the potential requirements and recommendations issued by the Accreditation Commission in its decision from December 9, 2022 (see sec. G).

Besides the progress report, TCST submitted the following additional documents:



On May 16, 2024, the experts conducted a virtual hearing with representatives of TCST in order to clarify a range of issues, which arose from their working through TCST's documentation and evidence concerning the modifications the degree programme underwent since December 2022.

H-2 Assessment of the peers (16.05.2024)

In the first instance, the experts judged the quality development of the Bachelor degree programme Computer Science and Technology based on the aforementioned written documentation. In addition to this, they took the opportunity to discuss a range of issues with representatives from TCST in a virtual meeting on May 16, 2024. In addition to this, the TCST team has given an additional written feedback after the virtual meeting with the experts in order to elaborate on some issues brought up during the discussion with the experts.

The following gives an account of the experts' assessment of the programme's development towards the indicated conditions, potential requirements and recommendations. The summary includes the experts' suggestions to TCST's quest for resumption of the accreditation procedure of the programme.

Conditions for resumption of the procedure

C 1. Developmental status of the degree programme vis-à-vis the Data Science and Big Data Technology (DST) and the Internet of Things Engineering (IoT) programmes (ASIIN 1.1, 1.2., 1.3)

In the discussion with the TCST team, it becomes clear once again that the Computer Science and Technology programme has been subjected to the accreditation procedure because it is considered the most mature one as compared to the DST and IoT programmes. However, all three of them are still operated by TCST staff. As stated by the TCST representatives, it is the middle- and long-term aim to elevate the quality of the DST and IoT programmes in such manner that they would comply with the requirements of an external QA procedure quite as well as the CST programme actually does in the opinion of TCST. This surely affects the overall teaching load of the TCST staff. Otherwise, these programmes have been established as separate programmes from the start and the evaluation report dated from July 7, 2022, clearly shows that staff resources in the strict sense are considered sufficient in terms of numbers. In this respect, the success of TCST in growing the number of qualified PhD holders in the subject areas of the CST programme not least indicates that the College is able to recruit highly qualified personnel in a comparatively small time period, if needed and on short notice. Admittedly, only very few of the newly recruited professors and PhD holders are fully employed faculty, but mostly part-time employees and visiting lecturers. They nevertheless significantly strengthen the teaching capacity of the TCST staff quantitatively and qualitatively.

As regards the overall quality level of the programme, the experts conclude that the programme contents have been revised and improved substantially. In the given boundary conditions, the name, the learning outcomes and the contents of the programme can be considered sufficient for a Bachelor programme in computer science and technology (CST). TCST has taken deliberate steps not only to recruit new PhD holding personnel, but also to re- and upskill the existing staff, junior and senior lecturers, if they meet certain pre-set requirement and thus contribute to the personal skills and competence building of the teaching staff.

The experts consider TCST's purposive staff development policy highly valuable, but also insist that TCST must ensure the application-oriented scientific quality and the future development of the programme (e.g., introducing new technologies, artificial intelligence, data science and alike) through appropriate means (see below requirement 1).

C 2. Structure of the programme, logical sequence and consistency of modules (ASIIN 1.3)

Upon the revision process conducted by Taishan College of Science and Technology (TCST), the minimally required contents for a CST programme being on the edge of computer science and electrical engineering have been implemented. The sequence of modules allow students to build up their knowledge step by step in a consistent and plausible manner. Hence, the experts are satisfied with the results effected by the curriculum revision so far.

C 3. Clarity and consistency of information in both the Chinese and English versions of major study-related documents (ASIIN 4)

The files underwent a revision, however the online version provided under the given link are the old module handbook and study plan. These inconsistencies in the different versions of the documentation either have been removed already or will be rectified and the corrections evidenced to the experts in the course of the resumption procedure. Consequently, no further actions are required from TCST.

Potential Requirements

A 1. Publication and (Online)Accessibility of "Graduation Practice outline" (ASIIN 1.3)

The experts conclude that the "Graduation Practice outline" document was indeed presented two years ago and finally got published, at least the English version, on the homepage. They also appreciate TCST's measures to monitor the results of the internships through correspondent questionnaires. The reportedly very high satisfaction rates on both sides on the one hand point to the overall functionality of the graduation practice, while on the other hand these results seem to at least partly be owed to the fact that there are only

closed questions related to a range of aspects of the internship. The experts urge that the questionnaires should include "open" questions as well providing respondents with an opportunity to comment and/or directly make suggestions for improvement. They also would like to see some exemplary results and how these were processed in the QA of TCST (conclusions and possibly actions taken, if applicable). Improvement on this should be evidenced without wasting too much time (see below requirement 2).

A 2. English proficiency of lecturers (ASIIN 3.1)

The steps for improving the English proficiency of lecturers have been evidenced and the reported activities of the College are impressive. The practical impact however, from an anecdotal point of view (virtual meeting with TCST team upfront), appears still to be limited. The experts suggest keeping this point on the agenda and recommend to assess the then visible progress in the course of the re-accreditation procedure (see below recommendation 1).

A 3. Increase of number of PhD holders within the ranks of the professorial staff (ASIIN 3.1)

As to the apparent inconsistency in numbers between professorial staff and PhD holders in the field, the experts acknowledge the clarification that "all professors [at TCST] are teachers in public colleges who are engaged in [..] education [..] and have accumulated academic knowledge in the computer field, so their professional ability and teaching ability can fully guarantee the teaching quality". They also notice that, "at the same time, the hired professors are required to provide full-time unit certificates to prove that [they] have sufficient time and energy to be competent for part-time jobs". It is further seen that the college concludes a one-year employment contract for part-time professors and evaluates them every semester to monitor their performance. In case of positive evaluation results and continuing interest of the part-time teachers their contracts are extended on a yearly basis.

The experts welcome the overall increase of the number of PhD holders from 2 in 2021 to altogether 7 in 2024. While back in 2021 none of them was full-time employed faculty staff, the number of employed full-time PhD holders now is 2, the rest of them continuing to be part-time teachers. With the comments of TCST, it is plausible to assume that the part-time PhD holders could be relied on as a qualified workforce for the delivery of the DST programme (as in case of the other programmes). The recruitment strategy for external high-caliber staff, the up- and reskilling policies as well as the incentivizing of an academic career advancement of own personnel appear to be valid instruments to realize the development plan for scientific personnel, especially PhD holders, in the medium and long run (until 2029).

A 4. Monitoring mechanism for monitoring student workload (ASIIN 1.5)

TCST has described the implementation of the monitoring process and potential steps in case of substantial deviations between the actual student workload and the module handbook's workload indications. This mechanism fulfils the expectation and should be used on a regular basis in order to demonstrate a realistic and adequate credit point allocation. No further action is to be taken.

A 5. Revision of course descriptions and accessibility of revised version (ASIIN 4.1)

The 'Modules and Curricula Handbook' has been revised according to the experts' comments and the revised version is already accessible or will be made available soon on the English and Chinese websites of TCST. No further action is to be taken.

Potential Recommendations

E 1. English proficiency of students (ASIIN 1.1, 1.3)

The described "cultivation" of interest in the English language seems to be grossly voluntary, not compulsory. TCST has evidenced a total of 39 students having visited an IELTS course in March 2024, but it remains unclear what the percentage of students attending and achieving English language proficiency of whatever level really is overall. The experts therefor suggest maintaining this recommendation and revisiting the actual results in the next accreditation procedure (see below recommendation 2).

E 2. Network of national and international partner institutions (ASIIN 3.2)

The evidenced steps to foster internationalization can be considered sufficient to follow the recommendation, while the national aspect by "sharing of teaching and resources with Chongqing College of Mobile Communication and Jinzhong College of Information" is less apparent. As this network-initiative will materialize in the long-term only, the achieved results should be judged in the light of the re-accreditation procedure. Therefore, the experts argue for maintaining this recommendation (see below recommendation 3).

With respect to the information and evidences provided by TCST, the experts recommend awarding the ASIIN seal as follows:

Degree Programme	ASIIN Seal	Maximum duration of accreditation
Ba Computer Science and Technology	With requirements for one year	30.09.2029

Requirements

A 1. (ASIIN 1.3, 3.1) The application-oriented scientific quality and the future development of the programme (e.g., introducing new technologies, artificial intelligence, data science and alike) must be ensured through adequate means.

A 2. (ASIIN 1.3) The feedback mechanism to the "graduation practice" (questionnaires) needs to be tailored towards a more meaningful feedback from stakeholders (e.g., students and companies). Results of this feedback and the College's response should be demonstrated, as far as available.

Recommendations

E 1. (ASIIN 1.1, 1.3) It is recommended to further strengthen the English proficiency of students in order to support the academic mobility.

E 2. (ASIIN 3.1) It is recommended to further improve the English proficiency of the lecturers to strengthen their capacity to constantly update the programme in accordance with the demands of science and technology.

E 3. (ASIIN 3.2) It is recommended to strategically establish and expand a network of (national and international) partner institutions in target fields of expertise.

H-3 Assessment of the Technical Committees

H-3-1 Technical Committee 02 – Electrical Engineering/Information Technology (05.06.2024)

Assessment and analysis for the award of the ASIIN seal:

The Technical Committee discusses the procedure in detail. In general, they agree with the view of the experts. However, they are skeptical as to whether the overall level of qualification of the teaching staff in this programme is now sufficient. According to the accreditation report, the number of PhD holders has increased from 2 in 2021 to a total of 7 in 2024. However, only 2 of these are fully employed at TCST, while 5 are part-time teachers. The Technical Committee acknowledges the increase but is not sure whether the new teaching staff is sufficient to deliver the programme reliably and at the required level, especially as 5 of the PhD holders are only part-time employed. For this reason, the Technical Committee seeks further background information. They review the current staff handbook and learn that the team of experts has assessed this aspect very critically, taking into account the national context. On this basis, the Technical Committee decides to follow the experts' decision.

The Technical Committee 02 – Electrical Engineering/Information Technology recommends the award of the seal as follows:

Degree Programme	ASIIN Seal	Maximum duration of accreditation
Ba Computer Science and Technology	With requirements for one year	30.09.2029

H-3-2 Technical Committee 04 – Informatics/Computer Science (14.06.2024)

Assessment and analysis for the award of the ASIIN seal:

The Technical Committee discusses the procedure and proposes an editorial change to A1. It considers the end of the formulation to be redundant and is in favor of deleting "through adequate means". Otherwise, the Technical Committee agrees with the experts' assessment without any changes.

The Technical Committee 04 – Informatics/Computer Science recommends the award of the seal as follows:

Degree Programme	ASIIN Seal	Maximum duration of accreditation
Ba Computer Science and Technology	With requirements for one year	30.09.2029

Proposed editorial change of requirement 1:

A 1. (ASIIN 1.3, 3.1) The application-oriented scientific quality and the future development of the programme (e.g., introducing new technologies, artificial intelligence, data science and alike) must be ensured.

H-4 Decision of the Accreditation Commission (28.06.2024)

Assessment and analysis for the award of the ASIIN seal:

The AC discusses the procedure and agrees with the proposal of TC 04 to shorten requirement A1. Otherwise, the AC follows the assessment of the experts and Technical Committees without any changes.

The Accreditation Commission decides to award the following seal:

Degree Programme	ASIIN Seal	Maximum duration of accreditation
Ba Computer Science and Technology	With requirements for one year	30.09.2029

Requirements

A 1. (ASIIN 1.3, 3.1) The application-oriented scientific quality and the future development of the programme (e.g., introducing new technologies, artificial intelligence, data science and alike) must be ensured.

A 2. (ASIIN 1.3) The feedback mechanism to the "graduation practice" (questionnaires) needs to be tailored towards a more meaningful feedback from stakeholders (e.g., students and companies). Results of this feedback and the College's response should be demonstrated, as far as available.

Recommendations

E 1. (ASIIN 1.1, 1.3) It is recommended to further strengthen the English proficiency of students in order to support the academic mobility.

E 2. (ASIIN 3.1) It is recommended to further improve the English proficiency of the lecturers to strengthen their capacity to constantly update the programme in accordance with the demands of science and technology.

E 3. (ASIIN 3.2) It is recommended to strategically establish and expand a network of (national and international) partner institutions in target fields of expertise.

H-5 Decision of the Accreditation Commission regarding Euro-Inf Label (24.09.2024)

Assessment and analysis for the award of the Euro-Inf® Label:

The Accreditation Commission deems that the intended learning outcomes of the degree programme do comply with the Subject-Specific Criteria of the Technical Committee 04 – Informatics/Computer Science.

The Accreditation Commission decides to award the following seals:

Degree Programme	**Euro-Inf®**	**Maximum duration of accreditation**
Ba Computer Science and Technology	With requirements for one year	30.09.2029

Requirements

A 1. (ASIIN 1.3, 3.1) The application-oriented scientific quality and the future development of the programme (e.g., introducing new technologies, artificial intelligence, data science and alike) must be ensured.

A 2. (ASIIN 1.3) The feedback mechanism to the "graduation practice" (questionnaires) needs to be tailored towards a more meaningful feedback from stakeholders (e.g., students and companies). Results of this feedback and the College's response should be demonstrated, as far as available.

Recommendations

E 1. (ASIIN 1.1, 1.3) It is recommended to further strengthen the English proficiency of students in order to support the academic mobility.

E 2. (ASIIN 3.1) It is recommended to further improve the English proficiency of the lecturers to strengthen their capacity to constantly update the programme in accordance with the demands of science and technology.

E 3. (ASIIN 3.2) It is recommended to strategically establish and expand a network of (national and international) partner institutions in target fields of expertise.

I Appendix

I-1 Curriculum, submitted along with application to accreditation (October 2022)

The following **curriculum** is presented:

Major of Computer Science and Technology

Module name	Course			First semester		Second semester		Third semester		Fourth semester		Fifth semester		Sixth semester		Seventh semester		Eighth semester		
	Course name	Type	Attribute	Credits	Class hours	Credits	Class hours	Credits	Class hours	Credits	Class hours	Credits	Class hours	Credits	Class hours	Credits	Class hours	Credits	Class hours	
Humanities and arts	Creative writing	Theory	Compulsory			1	30													
	From novels to movies	Theory	Compulsory									1	30							
	Appreciation of Classic Movies (optional)	Theory	Optional	1	30															
	Persuasion and Reasoning (optional)	Theory	Optional																	
	Classical Speeches (optional)	Theory	Optional																	
	Rhetoric and Theory (optional)	Theory	Optional																	
Philosophy and social science	World Created by Socrates and Confucius	Theory	Compulsory	1	30															
	Economics in Everyday Life	Theory	Compulsory					1	30											

I Appendix

Major of Computer Science and Technology

Module name	Course			First semester		Second semester		Third semester		Fourth semester		Fifth semester		Sixth semester		Seventh semester		Eighth semester		
	Course name	Type	Attribute	Credits	Class hours	Credits	Class hours	Credits	Class hours	Credits	Class hours	Credits	Class hours	Credits	Class hours	Credits	Class hours	Credits	Class hours	
	Modern Course of European Civilization	Theory	Compulsory							1	30									
	Theory of Justice	Theory	Compulsory											1	30					
	Ethics in the Life Sciences (optional)	Theory	Optional					1	30											
	A Brief History of Time (optional)	Theory	Optional																	
	History of Western Philosophy (Russell) (optional)	Theory	Optional																	
	Information Technology and Society (optional)	Theory	Optional							1	30									
	Happiness Course (optional)	Theory	Optional																	
	Modern Economic Geography of China (optional)	Theory	Optional																	

Major of Computer Science and Technology

Module name	Course			First semester		Second semester		Third semester		Fourth semester		Fifth semester		Sixth semester		Seventh semester		Eighth semester		
	Course name	Type	Attribute	Credits	Class hours	Credits	Class hours	Credits	Class hours	Credits	Class hours	Credits	Class hours	Credits	Class hours	Credits	Class hours	Credits	Class hours	
Professional Quality Development	Key Competencies at Workplace	Theory	Compulsory									1	30							
	College Psychological Health Education	Theory	Compulsory	1	30															
	Employment and Entrepreneurship Guidance for College Students	Theory	Compulsory											1	30					
	Employment and Entrepreneurship Pratice for College Students	Practice	Compulsory													1	30			
Ideological Politics and Moral Cultivation	Ideological and Moral Cultivation and Basic Law Education	Theory	Compulsory	3	90															
	Introduction to Basic Principle of Marxism	Theory	Compulsory					3	90											
	Introduction to Mao Zedong Thought and the Theoretical System of Socialism withChinese Characteristics	Theory	Compulsory							3	90									

I Appendix

Major of Computer Science and Technology

Module name	Course			First semester		Second semester		Third semester		Fourth semester		Fifth semester		Sixth semester		Seventh semester		Eighth semester		
	Course name	Type	Attribute	Credits	Class hours	Credits	Class hours	Credits	Class hours	Credits	Class hours	Credits	Class hours	Credits	Class hours	Credits	Class hours	Credits	Class hours	
	Modern Course of European Civilization	Theory	Compulsory							1	30									
	Theory of Justice	Theory	Compulsory											1	30					
	Ethics in the Life Sciences (optional)	Theory	Optional																	
	A Brief History of Time (optional)	Theory	Optional					1	30											
	History of Western Philosophy (Russell) (optional)	Theory	Optional																	
	Information Technology and Society (optional)	Theory	Optional							1	30									
	Happiness Course (optional)	Theory	Optional																	
	Modern Economic Geography of China (optional)	Theory	Optional																	

Major of Computer Science and Technology

Module name	Course			First semester		Second semester		Third semester		Fourth semester		Fifth semester		Sixth semester		Seventh semester		Eighth semester		
	Course name	Type	Attribute	Credits	Class hours	Credits	Class hours	Credits	Class hours	Credits	Class hours	Credits	Class hours	Credits	Class hours	Credits	Class hours	Credits	Class hours	
	Essentials of Chinese Modern History	Theory	Compulsory			3	90													
	Comprehensive Practice of Ideological and Political Theory Courses	Practice	Compulsory							2	60									
	Situation and Policy	Theory	Compulsory															2	60	
Practice ability of morals, intelligence, physical fitness, work and aesthetics	Physical Education 1	Practice	Compulsory	1	30															
	Martial courses	Theory	Compulsory	1	60															
		Practice		1																
	Physical Education 2	Practice	Compulsory			1	30													
	Physical Education 3	Practice	Compulsory					1	30											
	Physical Education 4	Practice	Compulsory							1	30									

Major of Computer Science and Technology																					
Module name	Course			First semester		Second semester		Third semester		Fourth semester		Fifth semester		Sixth semester		Seventh semester		Eighth semester			
	Course name	Type	Attribute	Credits	Class hours	Credits	Class hours	Credits	Class hours	Credits	Class hours	Credits	Class hours	Credits	Class hours	Credits	Class hours	Credits	Class hours		
	Extension Training	Practice	Compulsory	0.5	15																
	Competitive Sports	Practice	Compulsory													1.5	45				
	Club Activity	Practice	Compulsory													2	60				
	Artistic Practice	Practice	Compulsory													2	60				
	Voluntary Service	Practice	Compulsory													2	60				
	Labor Experience and Happiness Foundation	Practice	Compulsory													2	60				
	Safety Education	Practice	Compulsory	1	30																
	Celebrity Lecture Hall (optional)	Theory	Optional											2	60						

Major of Computer Science and Technology																					
Module name	Course			First semester		Second semester		Third semester		Fourth semester		Fifth semester		Sixth semester		Seventh semester		Eighth semester			
	Course name	Type	Attribute	Credits	Class hours	Credits	Class hours	Credits	Class hours	Credits	Class hours	Credits	Class hours	Credits	Class hours	Credits	Class hours	Credits	Class hours		
	Class of Famous Teachers (optional)	Theory	Optional																		
Management and business	Human Resource Management	Theory	Compulsory			1	30														
	Financial Management	Theory	Compulsory					1	30												
	Enterprise Strategic Management in the "Internet+" Era	Theory	Compulsory											1	30						
	Organizational Behavior	Theory	Compulsory									1	30								
	Consumer Psychology	Theory	Compulsory							1	30										
	Brand and Marketing Management in the Era of Mobile Commerce	Theory	Compulsory	1	30																
	MBA Case study of Information Industry (optional)	Theory	Optional							1	30										

I Appendix

Major of Computer Science and Technology

Module name	Course			First semester		Second semester		Third semester		Fourth semester		Fifth semester		Sixth semester		Seventh semester		Eighth semester		
	Course name	Type	Attribute	Credits	Class hours	Credits	Class hours	Credits	Class hours	Credits	Class hours	Credits	Class hours	Credits	Class hours	Credits	Class hours	Credits	Class hours	
	Network Ethics and E-commerce Regulations (optional)	Theory	Optional																	
	Investment and Financing Management (optional)	Theory	Optional									1	30							
	Network Advertising (optional)	Theory	Optional																	
English	College English I	Theory	Compulsory	5	150															
	College English II	Theory	Compulsory			5	150													
	College English III	Theory	Compulsory					5	150											
	College English IV	Theory	Compulsory							5	150									
	Computer English	Theory	Compulsory			4	120													

Major of Computer Science and Technology

Module name	Course			First semester		Second semester		Third semester		Fourth semester		Fifth semester		Sixth semester		Seventh semester		Eighth semester		
	Course name	Type	Attribute	Credits	Class hours	Credits	Class hours	Credits	Class hours	Credits	Class hours	Credits	Class hours	Credits	Class hours	Credits	Class hours	Credits	Class hours	
Fundamentals of mathematics	Advanced Mathematics	Theory	Compulsory	4	120	4	120													
	Linear Algebra	Theory	Compulsory			2	60													
	Probability Theory and Mathematical Statistics	Theory	Compulsory					3	90											
	Discrete Mathematics	Theory	Compulsory					2	60											
	College Physics (including experiments)	Theory	Compulsory					3	120											
		Practice						1												
	Electrotechnics and Electronics (including experiments)	Theory	Compulsory							2	90									
		Practice								1										
Fundamentals of computer technology	Database System (including experiments)	Theory	Compulsory					3	180											
		Practice						3												
	Computer Networks (including experiments)	Theory	Compulsory							3	180									
		Practice								3										

I Appendix

Major of Computer Science and Technology

Module name	Course name	Type	Attribute	First semester Credits	First semester Class hours	Second semester Credits	Second semester Class hours	Third semester Credits	Third semester Class hours	Fourth semester Credits	Fourth semester Class hours	Fifth semester Credits	Fifth semester Class hours	Sixth semester Credits	Sixth semester Class hours	Seventh semester Credits	Seventh semester Class hours	Eighth semester Credits	Eighth semester Class hours
	Principles of Computer Composition (including experiments)	Theory	Compulsory							3	150								
		Practice								2									
	C Programming (including experiments)	Theory	Compulsory	3	180														
		Practice		3															
	Java Programming (including experiments)	Theory	Compulsory			3	180												
		Practice				3													
	Web Foundation(including experiments)	Theory	Optional			3	150												
		Practice																	
	C# Programming(including experiments)	Theory	Optional																
		Practice																	
	Python Programming (including experiments)	Theory	Optional			2													
		Practice																	
Software and system design	Embedded System Design (including experiments)	Theory	Compulsory											3	180				
		Practice												3					
	Software System Design	Theory	Compulsory													3	180		

Major of Computer Science and Technology

Module name	Course name	Type	Attribute	First semester Credits	First semester Class hours	Second semester Credits	Second semester Class hours	Third semester Credits	Third semester Class hours	Fourth semester Credits	Fourth semester Class hours	Fifth semester Credits	Fifth semester Class hours	Sixth semester Credits	Sixth semester Class hours	Seventh semester Credits	Seventh semester Class hours	Eighth semester Credits	Eighth semester Class hours
	(including experiments)	Practice														3			
	Microcomputer Principle and Interface Technology (including experiments)	Theory	Compulsory									3	180						
		Practice										3							
	Algorithms and Data Structures (including experiments)	Theory	Compulsory					3	180										
		Practice						3											
	Software Engineering (including experiments)	Theory	Compulsory									3	150						
		Practice										2							
	Operation System (including experiments)	Theory	Compulsoryl									3	180						
		Practice										3							
Computer application technology	Java Web Development (including experiments)	Theory	Optional									3	180						
		Practice																	
	ASP.NET Programming (including experiments)	Theory	Optional																
		Practice																	
	Python Web Crawler Technology (including experiments)	Theory	Optional									3							
		Practice																	

Major of Computer Science and Technology																					
Module name	Course			First semester		Second semester		Third semester		Fourth semester		Fifth semester		Sixth semester		Seventh semester		Eighth semester		
	Course name	Type	Attribute	Credits	Class hours	Credits	Class hours	Credits	Class hours	Credits	Class hours	Credits	Class hours	Credits	Class hours	Credits	Class hours	Credits	Class hours	
	Introduction to Artificial Intelligence	Theory	Compulsory											3	90					
	Information Retrieval Technology	Practice	Compulsory									1	30							
	Introduction to Big Data (including experiments)	Theory	Compulsory									2	120							
		Practice										2								
	Computer Graphics	Theory	Compulsory											3	90					
	Big Data Analytics (including experiments)	Theory	Compulsory											3	180					
		Practice												3						
Specialty practice	Algorithm Curriculum Design	Practice	Compulsory							3	90									
	Embedded System Curriculum Design	Practice	Compulsory											3	90					
	Comprehensive Practice of Software System Design	Practice	Compulsory													3	90			

Major of Computer Science and Technology																					
Module name	Course			First semester		Second semester		Third semester		Fourth semester		Fifth semester		Sixth semester		Seventh semester		Eighth semester		
	Course name	Type	Attribute	Credits	Class hours	Credits	Class hours	Credits	Class hours	Credits	Class hours	Credits	Class hours	Credits	Class hours	Credits	Class hours	Credits	Class hours	
	Big Data Analytics Curriculum Design	Practice	Compulsory											3	90					
Specialties Cognitive	New Student Seminar	Theory	Optional	1	30															
	New Student Experience	Theory	Optional																	
Graduation design	Graduation thesis (design)	Practice	Compulsory															24	720	
	Graduation internship	Practice	Compulsory													9	270			
Credits/Semester				27.5		32		33		32		32		29		28.5		26		240

I-2 New Curriculum, submitted along with application to resumption of the procedure (March 2024)

Teaching Plan for Computer Science and Technology（ASIIN, V2.0）

Module Name	Course			First semester		Second semester		Third semester		Fourth semester		Fifth semester		Sixth Semester		Seventh semester		Eighth semester		Remark
	Course name	Type	Attribute	Credit	Class hour	Credit	Class hour	Credit	Class hour	Credit	Class hour	Credit	Class hour	Credit	Class hour	Credit	Class hour	Credit	Class hour	
Algorithms and Mathematics	Advanced Mathematics	Theory	Compulsory	6	180	6	180													
	Linear Algebra	Theory	Compulsory					3	90											
	Probability Theory and Mathematical Statistics	Theory	Compulsory					5	150											
	Discrete mathematics	Theory	Compulsory					3	90											
	College Physics	Theory	Compulsory					3	84											
	College Physics Experiments	Practice	Compulsory					1	28											
	Fundamentals of Circuit Analysis	Theory	Compulsory			3	84													
	Digital Circuit and Logic Design	Theory	Compulsory					3	84											
	Digital Circuit and Logic Design Experiment	Practice	Compulsory					1	28											
	Data Structures	Theory+ Practice	Compulsory							6	180									

Teaching Plan for Computer Science and Technology（ASIIN, V2.0）

Module Name	Course			First semester		Second semester		Third semester		Fourth semester		Fifth semester		Sixth Semester		Seventh semester		Eighth semester		Remark
	Course name	Type	Attribute	Credit	Class hour	Credit	Class hour	Credit	Class hour	Credit	Class hour	Credit	Class hour	Credit	Class hour	Credit	Class hour	Credit	Class hour	
	Algorithm analysis and design	Theory+ Practice	Compulsory									4	112							
	Algorithm Synthesis Design	Practice	Compulsory									3	84							
Analysis, Design, Implementation and Project Management	C Programming	Theory+ Practice	Compulsory			6	168													
	Java programming	Theory+ Practice	Compulsory			6	168													
	Software Engineering	Theory+ Practice	Compulsory									5	140							
	Software system design	Theory+ Practice	Compulsory													6	168			
	Comprehensive practical training on software system design	Practice	Compulsory													3	84			
	Python Programming	Theory+ Practice	Elective									4	104							
	Web Fundamentals	Theory+ Practice	Elective																	

Teaching Plan for Computer Science and Technology（ASIIN, V2.0）

Module Name	Course			First semester		Second semester		Third semester		Fourth semester		Fifth semester		Sixth Semester		Seventh semester		Eighth semester		Remark
	Course name	Type	Attribute	Credit	Class hour	Credit	Class hour	Credit	Class hour	Credit	Class hour	Credit	Class hour	Credit	Class hour	Credit	Class hour	Credit	Class hour	
	C# Programming	Theory+ Practice	Elective																	
	Graduation Thesis (Project)	Practice	Compulsory															24	672	
Technology	Principles of computer composition	Theory+ Practice	Compulsory							6	180									
	Operating system	Theory+ Practice	Compulsory									6	180							
	Computer Network	Theory+ Practice	Compulsory											6	180					
	Database Systems	Theory+ Practice	Compulsory											6	168					
	Introduction to information security	Theory	Compulsory													2	56			
	Computer Graphics	Theory	Compulsory											2	56					
	Introduction to Artificial Intelligence	Theory	Compulsory													2	56			

Teaching Plan for Computer Science and Technology（ASIIN, V2.0）

Module Name	Course			First semester		Second semester		Third semester		Fourth semester		Fifth semester		Sixth Semester		Seventh semester		Eighth semester		Remark
	Course name	Type	Attribute	Credit	Class hour	Credit	Class hour	Credit	Class hour	Credit	Class hour	Credit	Class hour	Credit	Class hour	Credit	Class hour	Credit	Class hour	
	Introduction to information security	Theory	Compulsory	4	112															
	Computer Network Synthesis Design	Practice	Compulsory											3	84					
	Graduation internship	Practice	Compulsory													9	252			
	Java Web Development	Theory+ Practice	Elective											4	104					
	Software Quality Assurance and Testing	Theory+ Practice	Elective																	
	Software Process and Management	Theory+ Practice	Elective																	
	Big data application technology	Theory	Elective													4	104			
	Introduction to Human Computer Interaction	Theory	Elective																	
Methods and Transfer	Literature Search and Thesis Writing	Theory	Compulsory									4	112							
	Mathematics Modeling	Theory	Elective							4	104									

Teaching Plan for Computer Science and Technology（ASIIN, V2.0）																				
Module Name	Course			First semester		Second semester		Third semester		Fourth semester		Fifth semester		Sixth Semester		Seventh semester		Eighth semester		Remark
	Course name	Type	Attribute	Credit	Class hour	Credit	Class hour	Credit	Class hour	Credit	Class hour	Credit	Class hour	Credit	Class hour	Credit	Class hour	Credit	Class hour	
	Introduction to Computer Thinking	Theory	Elective																	
Interdisciplinary	Branding and Marketing Management in the Era of Mobile	Theory	Compulsory	2	52															
	Consumer Psychology	Theory	Compulsory									2	52							
	Financial Management	Theory	Compulsory							2	52									
	Strategic Management for Enterprises in the Internet Plus Era	Theory	Compulsory							2	52									
	University English I	Theory+ Practice	Compulsory	5	150															
	University English II	Theory+ Practice	Compulsory			5	150													
	University English III	Theory+ Practice	Compulsory					5	150											
	University English IV	Theory+ Practice	Compulsory							5	150									

Teaching Plan for Computer Science and Technology（ASIIN, V2.0）																				
Module Name	Course			First semester		Second semester		Third semester		Fourth semester		Fifth semester		Sixth Semester		Seventh semester		Eighth semester		Remark
	Course name	Type	Attribute	Credit	Class hour	Credit	Class hour	Credit	Class hour	Credit	Class hour	Credit	Class hour	Credit	Class hour	Credit	Class hour	Credit	Class hour	
	Computer English	Theory	Compulsory											5	150					
Social and Self	Humanistic Spirit and Life Care	Theory	Compulsory	1	26															
	Communication expression and rational evaluation	Theory	Compulsory	1	26															
	Artistic Creation and Aesthetic Experience	Theory	Compulsory			1	26													
	Moral Responsibility and Value Shaping	Theory	Compulsory											1	26					
	Social Change and Civilization Dialogue	Theory	Compulsory					1	26											
	Social Practice	Practice	Compulsory													1	26			
	Professional Awareness Training	Theory	Compulsory											1	26					
	Cognitive Internship	Practice	Compulsory	2	56															
	Ideological and Moral Cultivation and Basic Law Education	Theory	Compulsory	2	52															
	Fundamental Principles of Marxism	Theory	Compulsory					2	52											

I Appendix

Teaching Plan for Computer Science and Technology（ASIIN, V2.0）																				
Module Name	Course			First semester		Second semester		Third semester		Fourth semester		Fifth semester		Sixth Semester		Seventh semester		Eighth semester		Remark
	Course name	Type	Attribute	Credit	Class hour	Credit	Class hour	Credit	Class hour	Credit	Class hour	Credit	Class hour	Credit	Class hour	Credit	Class hour	Credit	Class hour	
	Introduction to Mao Zedong Thought and the Theory of Socialism with Chinese Characteristics	Theory	Compulsory							2	52									
	Essentials of Modern and Contemporary Chinese History	Theory	Compulsory			2	52													
	Situation and Policy	Theory	Compulsory															2	52	
	Physical Education I	Practice	Compulsory	1	26															
	Physical Education II	Practice	Compulsory			1	26													
	Physical Education III	Practice	Compulsory					1	26											
	Physical Education IV	Practice	Compulsory							1	26									
	Military Training	Practice	Compulsory	1	26															
Credit/hour statistics				25	706	30	854	28	808	28	796	28	784	28	794	27	746	26	724	
Note: In the teaching plan, there are elective courses for semesters 4, 5, 6, and 7, with one course selected per semester.																				