

Routing for On-Campus Approval of Dual Degree Program Actions

NC State

Degree Title: Master of Textiles (MT)

CIP Code (6 digits): 142801

See <https://nces.ed.gov/ipeds/cipcode/default.aspx?y=55> for information about CIP codes

Proposing College(s): College of Textiles Program Contact: Yingjiao Xu

Partnering Institution

Name of Partner Institution: Zhejiang Sci-Tech University (ZSTU)

Title of Degree: The academic degree of Master of Engineering in Clothing Design and Engineering

Program Contact: Xiaofeng Ji/Yibing Shao

Proposed Effective Date August 1, 2019

Routing of Action: Initial and date when the following occurs

Completed Proposal (Memorandum of Agreement is required)

A. Sejam Department Head endorses 6/12/2018

Ant. Rued College Curriculum Committee (undergraduate or graduate) recommends

Ant. Rued College Dean endorses 8/6/18

Proposal moves to Undergraduate or Graduate office for routing

 Recommended by Vice Provost, DELTA, if applies

 Substantive Change Review Team (SCRT) reviews

 If SACS notification is required, SCRT prepares letter for Chancellor to send to

SACS

 Office of International Affairs reviews (if foreign institution)

 University Courses & Curriculum Committee or Administrative Board of the Graduate School recommends

 Associate Deans Council or Graduate Operations Council informed

 Dean (Graduate School or DASA) approves*

Proposal move to the Provost's office for routing

 Vice-Provosts informed

 Deans' Council recommends

 Executive Vice Chancellor and Provost approves*

 Chancellor's Executive Officer's (EOM) recommend

 University Council informed

 Board of Trustees subcommittees informed

 Chancellor approves

 Accreditation Liaison prepares SACS letter, if applicable

* Signature is required on the Memorandum of Understanding (MOA)

**MEMORANDUM OF AGREEMENT FOR DUAL DEGREE PARTNERSHIP
Collaborative Academic Agreement**

Establishment of a dual degree with N.C. State University requires completion of this MOA and signatory approval by the Provost. In addition, SACSCOC must be notified 6 months prior to implementation of this agreement.

Complete the following and provide thorough explanation and answers to each item.

I. N.C. State Participation:

Level of Degree: Master

College Participating: College of Textiles

Other Participating College(s), if applicable: N/A

Full Title of Degree Conferred (Include concentration title if applicable.):

Master of Textiles, NC State University;

The academic degree of Master of Engineering in Clothing Design and Engineering, Zhejiang Sci-Tech University

Name and contact information for the primary developer of Agreement:

Yingjiao Xu, Director of Graduate Programs,

Department of Textiles and Apparel, Technology and Management,

College of Textiles

yxu11@ncsu.edu

Tel: 919-515-1858

Name and contact information for the program coordinator, if different from developer:

II. Participating Partner Institution: If multiple partners, complete separate form for each

Name of Partner Institution:

Zhejiang Sci-Tech University (ZSTU)

Location of Institution (Full Physical Address):

928 2nd Avenue, Xiasha Higher Education Zone, Hangzhou, Zhejiang 310018, China

Name and contact information for the primary developer of this Agreement

Xiaofen Ji, Chair of Executive Committee

School of International Education

Zhejiang Sci-Tech University

928 2nd Ave,

Xiasha Higher Education Zone, Hangzhou, Zhejiang 310018, China

xiaofenji@zstu.edu.cn

Name and contact information for the program coordinator, if different from developer:

Level of Degree:

Master

Full Title of Degree Conferred (Include concentration title if applicable):

The academic degree of Master of Engineering in Clothing Design and Engineering

Partner Institution Accreditation Status:

Accredited by China Academic Degrees & Graduate Education Development Center (CDGDC)

Duration of Agreement:

This Agreement will be for 5 years from August 1st, 2019 to July 31, 2024. There will be 4 consecutive intakes of students with one intake in every academic year after the Program is approved. (With the MOA to be effective from August 1st 2019, the first intake of students will be in Fall, 2020 as the general graduate school admission exams occur in December of each year).

III. Timeline: (Note that the program cannot begin recruitment or matriculation of students until after SACSCOC notification and/or approval. SACSCOC reviews new program proposals twice per year.)

Proposed Start Date of Agreement: August 1st, 2019

Expected Date for recruitment and advertising: August 1st, 2019

Expected Date of student matriculation/enrollment in dual degree program:

September 1st, 2020

(The first enrollment at ZSTU will be September 1st, 2020. Students will attend NC State in their 2nd year (2021) to start the dual degree program).

IV. Attachments: In addition to this MOA, attach other applicable documentation and list each attachment/appendices below: (ex: SACSCOC prospectus, letter of support from College Dean and/or Provost, organizational charts, faculty CV's)

The following documents can be found in the attachment:

- 1) Letter of Support from Dean Hinks (College of Textiles, NC State University)
- 2) Letter of Support from President Chen of ZSTU

V. Collaborative Objectives:

1. What is the purpose and benefits of the dual degree partnership?

Adhering to the principles of non-profit in the Sino-foreign cooperation in running schools, ZSTU will utilize high quality educational resources from NC State and learn from NC State in terms of its advanced education philosophy, teaching methodology and schooling and management experience, in order to enhance the competitiveness of ZSTU in the field of the fashion design, production, and marketing. Another purpose of this collaboration is to recruit high quality students from this program for the master's program at NC State.

This project is to be carried out with a view to produce high caliber, multi-disciplinary and application oriented specialized students who are proficient in Chinese and English with global vision and insight of fashion industry trend. In addition, these students will also possess solid knowledge and demonstrated skills in garment engineering specialty, comprehensive competence in terms of fashion brand operation, management of supply chain and analysis of fashion consumer behavior.

This agreement is to define the terms for students to obtain dual Master of Textiles (MT) and Master of Engineering degrees from North Carolina State University (NC State) and Zhejiang Sci-Tech University (ZSTU), respectively, on the conditions that the students fulfill the degree requirements of both universities. This agreement does not create a new degree; rather, it articulates the terms for both universities accepting transfer credits, which are applied toward MT and Master of Engineering degrees at NC State's College of Textiles and Zhejiang Sci-Tech University's School of International Education, respectively. Students are recruited from China by Zhejiang Sci-Tech University. The MT/ Master of Engineering dual degree program provides the students (enrolled at Zhejiang Sci-Tech University) an opportunity to gain insights of the U.S. textiles industry from the perspectives of marketing, design and product development, technology, and management. The Dual degree program also provides a great opportunity for NC State College of Textiles to recruit a prepared student population (2nd year master's students at Zhejiang Sci-Tech University). The different perspectives these students bring will contribute greatly to the diversity and leaning of the other students enrolled in the Textiles program at NC State. This dual degree program enables students to earn both degrees in 3 years of full-time study.

2. What evidence of institutional/program comparability exists (rankings, joint faculty research, publications, etc.)?

NC State has collaborated with Zhejiang Sci-tech through other programs, including the 3+X program, which recruits top ZSTU undergraduate students in their senior year to participate in NC State's graduate programs. As a leading higher education provider in the field of textile and apparel, the College of Textiles at NC State ranked top 5 in all different ranking systems. Zhejiang Sci-Tech University is a key university in Zhejiang Province, China, with a long tradition of cultivating professionals for the fashion and textile industry in China. ZSTU's programs in the area of fashion and textile have been ranked among the top five in China.

There are research collaborations between the faculty members of the two programs. Several faculty members from ZSTU, including Dr. Xiaofen Ji (Chair of the Executive Committee for the School of International Education), conducted their visiting scholarship in the College of Textiles at NC State. Another faculty member will be coming in October, 2018 to complete her visiting scholarship at NC State. It is expected that more research collaboration will occur between the faculty at the two programs.

3. What are the areas of mutual interest? Past partnerships?

The degree at ZSTU focuses on the fashion engineering perspective, while the MT program at NC State provides students with an opportunity to gain insights of the U.S. textiles industry from the perspectives of marketing, design and product development, technology, and management.

The mutual interest between the two programs is to develop competitive future leaders for the global fashion and textile industry.

Currently there is a collaboration in the form of 3+X program between the two universities. This partnership has been in place for 5 years now with consistent flow of students from ZSTU to the MT program in the College of Textiles at NC State. The implementation of the proposed joint dual degree program will attract more qualified and prepared students to enroll into the MT program.

4. What are the partner institutional priorities?

Zhejiang Sci-Tech University has a strong focus on engineering, with the coordinated interdisciplinary development of science, engineering, arts, economics, management, law, fine arts, and education. The university boasts 17 schools (teaching & research departments) and one independent college, and a population of over 27,000 full-time students, over 3100 of whom are graduate students.

Zhejiang Sci-Tech University boasts three(3) first-level disciplines to confer doctoral degree and 26 first-level disciplines to confer master's degree, and is entitled to confer such professional degrees as master of engineering (including 13 categories of master of engineering), master of fine arts, master of business administration, master of applied psychology, master of translation and interpretation, and confer master's degree to those candidates with same educational level. Zhejiang Sci-Tech University houses over 1,900 teaching and administrative staff, among whom there are over 840 teachers with the professional rank of associate professor and over 240 teachers with the professional rank of professor.

Zhejiang Sci-Tech University has been sticking to the ideology of opening schooling, has established cooperation with over 100 universities and scientific research institutions from over 20 countries and areas, and the education for foreign students is booming.

5. How does this agreement fit with NC State Institutional Mission?

As a comprehensive research university in the land-grant tradition, North Carolina State University is dedicated to excellent teaching, the creation and application of knowledge, and engagement with public and private partners. By uniting the strengths of two globally strong programs, this dual degree program fits the institutional mission of ***enhancing local and global engagement through focused strategic partnerships***. By extending the capacity of the Graduate programs in the Department of Textile and Apparel, Technology and Management to reach beyond the current pool of prospective students, the partnership with ZSTU will bring an additional group of well-prepared students to our master's program. The inclusion of students from this joint program will bring additional perspectives and diversity to the student body in the Textiles program at NC State. This dual degree program provides an opportunity to offer excellent future leaders to the global community in the fashion industry.

6. How does this agreement fit with the NC State College's Mission?

The vision for the College of Textiles is to be the global leader in textile innovation: education, research, and service. The partnership with ZSTU through this dual degree program fits nicely

with the college's mission of *"Through innovative educational practices and multi-disciplinary research activities, we provide visionary leadership and collaborative services to the university, State and global communities."*

VI. Administration:

1. How was the proposed dual degree developed? Describe the process by which NC State faculty worked with the partner faculty to plan program content, select courses, and choose mode of delivery.

Dr. Xiaofen Ji (former Associate Dean in the College of Fashion and current Chair of the Executive Committee in the School of International Education at ZSTU) visited the College of Textiles at NC State during the summer of 2016 and got a firsthand acknowledgement of the facility, expertise, and curriculum associated with the graduate programs in the Dept. of Textile and Apparel, Technology and Management as well as in the College of Textiles. An interest was initiated by ZSTU to have a joint dual degree program during Dr. Yingjiao Xu's visit of the ZSTU campus in the Summer of 2017. Dr. Xu reported this collaboration initiative to the college leadership as well as the Graduate Committee in the Dept. of TATM, and consulted with the Global Partnership Office and the Graduate School at the beginning of the Fall 2017 semester. All responses were supportive. After a series of back and forth communication regarding the curriculum and program operation, the Graduate Committee in the Dept. of TATM finalized the details of this agreement.

2. How will the proposed program be administered? Include detail regarding each partner responsibilities related to administration, academic policy enforcement, logistics, and student recruitment, registration, admissions. Attach organizational chart and recruitment timeline if applicable. (Examples of recruitment materials may be requested when pursuing SACSCOC approval).

ZSTU will recruit students from China. NC State will be collaborating with ZSTU to develop recruitment and promotional materials to be distributed to targeted student population in China. Applicants will be required to apply for and to be accepted for admission first to ZSTU's graduate program, which is a 3 year program for full time students.

Students enrolled at the ZSTU graduate program will apply for admission to the graduate program at NC State before the end of their first year (Year 1) at ZSTU. Students who meet the MT degree requirement at NC State will pursue the MT degree at NC State in their second year (Year 2). Specifically, for students enrolled in this program, they will be guaranteed to be admitted to the MT degree program if the following conditions are met: 1) obtained a GPA of 3.0 or above in their first year of study at ZSTU; 2) achieved a TOEFL score of 80 or higher; and recommended by the ZSTU's operation committee for this dual degree program. These students will return to ZSTU at the end of Year 2 to spend the last Year at ZSTU to complete the degree requirement for the Master of Engineering degree at ZSTU. If a student doesn't perform well while at NC State and fails to get the MT degree, he/she is still eligible to return to ZSTU to complete the degree requirement for the Master of Engineering degree at ZSTU.

The application for the admission to the master's program at ZSTU will be reviewed by ZSTU faculty chaired by Dr. Jie Xiong (Dean of Graduate School). The application to the MT program

at NC State will be reviewed by the TATM Graduate Admission review committee chaired by the Director of Graduate Program (DGP) for TATM. The DGPs at both programs will be consulted in each partner's admission review process.

Each spring semester, a meeting of the Dual degree committee will be convened (in person or via teleconference such as Skype) for the purpose of reviewing and planning for enrollment management, curricular oversight and resource management. The graduate program directors will administer the dual degree program at each institution, as it fits very well with the standard admission processes and procedures. The standards, policies, rules and regulations of the respective institutions will remain intact with the same compliance expectations.

Dual Degree Administrative Committee			
ZSTU	Wenxing Chen	Chair	President, ZSTU
	Zhengrong Gao	Member	Vice President, ZSTU
	Jie Xiong	Member	Dean, Graduate School, ZSTU
	Xiang Fu	Member	Director of Global Collaboration, ZSTU
	Xiaofen Ji	Member	Chair of Executive Committee, College of Global Education
NC State	Peter Harries	Co-Chair	Interim Dean, Graduate School, NC State
	David Dixon	Member	Director, Office of Global Partnership
	Jon Rust	Member	Interim Assoc. Dean, College of Textiles, NC State
	Abdel-Fattah Seyam	Member	Dept. Head, TATM, NC State
	Yingjiao Xu	Member	Director of Graduate Programs, TATM, NC State

3. How will tuition and fees be coordinated? Include detail regarding student enrollment and tuition at each partner institution.

The students admitted into the dual degree program will typically enroll in the first year at ZSTU, the second year at NC State, and the third year at ZSTU. The students will pay full tuition and fees at the school in which they are currently enrolled and in accordance with that school's published tuition and fees policy. Students are responsible for personal expenses, transportation, textbooks and other course materials, and any required educational fees or taxes.

The students in the dual degree program will be flagged as dual degree, so they are not penalized for not meeting the continuous registration requirement while enrolled at ZSTU and not enrolled at NC State. The students must take a sufficient number of credits at one of the schools to be deemed a "full time" student at that school for that semester.

4. Proposed NC State SIS sub-plan code for designated students participating in dual degree. The sub-plan identifying the dual-degree students must align with the SIS plan code for the NC State degree program (max 10 char)

To be created by the graduate school when it is approved.

VII. NC State Policy Disclaimer for this agreement:

“Students participating in this coordinated dual degree program will be subject to all applicable policies and regulations at all partner institutions, even during semesters enrolled at the partnership institution(s).”

VIII. Expected Annual Student and Faculty (if applicable) Participation during each year of the agreement:

ZSTU has the capacity to enroll 30 students annually through this collaboration. A goal for this joint degree program is to recruit 10 out of the 30 students to pursue both degrees. The remaining 20 students will remain at ZSTU for their 2nd and 3rd years to complete the Master of Engineering degree at ZSTU.

		2019	2020	2021	2022	2023
ZSTU	Faculty exchange	0	0	0	0	0
NC State	Faculty Exchange	0	4	4	4	4

		2019	2020	2021	2022	2023
ZSTU	Student enrollment	0	30	30	30	30
NC State	Student enrollment	0	0	10	10	10

IX. CURRICULUM DESIGN:**1. Provide an overview of how the degree requirements for each Institution will be completed as part of this dual arrangement.**

The MT program at NC State requires completion of 30 credits. At least 18 credits must be earned at NC State, and no more than 12 credits may be earned at ZSTU. Students that meet the MT degree requirement will receive the Master of Textiles degree at NC State University.

The Master of Engineering program at ZSTU requires completion of 32 credits + thesis. Students who meet the degree requirement for the Master of Engineering at ZSTU will get the Master of Engineering degree from ZSTU and receive the diploma from ZSTU. Up to 12 hours taken at NC State can be transferred to count toward the degree at ZSTU.

2. Provide list of NC State course requirements for degree and equivalency to related courses at Partner Institution. (Attach as semester-by-semester display of course

requirements and provide a list of course requirements and equivalencies for the dual degree program):

The Master of Textiles Degree at NC State requires a minimum of 30 hours of graduate level courses. Per the graduate school guidelines, MT students are allowed to transfer in up to 12 hours of graduate level courses taken at another university. Under this proposed program, the four (4) courses are delivered in English at ZSTU by faculty members at NC State. These four(4) courses are required for all students enrolled in the program.

The 18 hours of courses (6 courses) to be taken at NC State during their 2nd year in the program will be equally distributed between the two semesters, with three courses in each semester. NC State will cover the cost related to the delivering of these courses to the students enrolled in the program via the tuition paid by these students. All these courses are already in existence. There is no need to develop additional new courses just for this dual degree program.

	# of Courses	# of Cr hrs	Available courses*
Fall Semester	3	9	TTM510 TTM515 TTM583** TT551** TT570 TTM591** TT591**
Spring Semester	3	9	TTM517 TTM533 TTM535 TTM561** TTM591** TT550** TT571 TT591**

*The MT degree allows students to take other graduate level courses (TT5XX) offered in the college to count toward the degree.

** These courses are also available via Distance Education.

3. Provide list of Partner Institution’s course requirements, analysis of course content, and equivalency to related courses at NC State.

The four courses (12 hours) highlighted are the ones to be counted in the student’s degree at NC State. These courses will be developed and delivered by faculty members from NC State. The NC State faculty will be paid by ZSTU to teach the courses. Travel expenses (transportation, room and board) will be covered by ZSTU. NC State will provide faculty vitae to ZSTU three months in advance for ZSTU’s approval. Courses to be offered by ZSTU faculty are delivered in Chinese. Courses to be offered by NC State faculty are delivered in English. This will help to ensure seamless transition of the students into their 2nd year study at NC State.

Course classification		Number	Course name	Class hour / Credits	Semester	Remarks
Degree courses	Degree General courses	FL10012	Oral English	32/1	2	Required course
		FL10020	Postgraduate English	54/3	1	Required course
		MS10004	Research on theory and practice of	36/2	1	Required course
		MS10005	Dialectics of nature	18/1	2	Required course
	Degree Core courses	FD11001	Fashion theory and research	48/3	2	
		FD11021	Fashion Market Research	48/3	1	NCSU equivalence TTM585
		FD11022	Fashion brand management	48/3	1	NCSU equivalence TTM582
		FD11004	Fashion Company management	32/2	1	
		FD11023	Fashion consumer behavior	48/3	2	NCSU equivalence TTM580
		FD11024	Global Dynamics in the Textile and Fashion Complex	48/3	2	NCSU equivalence TTM581
	SC11002	mathematical statistics	48/3	1		
Non-degree courses	SC11027	Engineering psychology theory	48/3	1		
Others (research and practicum)	Academic Seminar			/1	Min. of 4 seminar presentations, Min of 8 attendance in seminars	
	Academic Report			/1	Min of 4 attendance	
	Practical Training				Year 1.	
	Thesis Proposal				By the end of 2 nd semester in year 1	
	Thesis Writing and defense				3 rd year	

4. Describe how and when transfer courses will be evaluated.

Only 12 credit hours from each institution can be transferred to complete program requirement. The evaluation process will be facilitated via course transfer form, in accordance with the universities' (NC State and ZSTU) policies on transfer credits.

5. If Thesis requirement, provide details (supervision/credit).

5.1 No thesis is required for the MT degree at NC State.

5.2 A thesis is required for the Master of Engineering degree at ZSTU as detailed below:

- Upon entering the program, the student works closely with an adviser to identify a research topic. The proposed thesis research needs to bring new insights to the field of study, testing techniques, or manufacturing techniques, and make theoretical and/or practical contributions to the field.
- The student is to submit a thesis research proposal to the college by the end of their 2nd semester in the program;
- Under the guidance of the adviser, the student independently conducts the research project.
- The student needs to organize the thesis in writing according to the “Graduate Dissertation Standard of Zhejiang Sci-Tech University”.
- Upon completion of the proposed research and thesis writing, approved by the adviser, the student schedules the thesis defense with the graduate school according to the “Regulations of Dissertation Published by Postgraduate Studies at Zhejiang Sci-Tech University”.
- The student can schedule the oral defense in the last semester of their 3rd year of the program. But, upon approval from the adviser and the college, the student can apply to the graduate school at ZSTU to schedule an early defense by following the university's early defense regulation.
- The student needs present the thesis to and be evaluated by the adviser, the college's academic committee (assigned by the college), and the graduate school at the oral exam.
- Successful passing of the thesis defense is required to obtain the degree.

6. What is the total percentage of courses taken at Partner Institution?

For the MT degree at NC State, the percentage of courses taken at ZSTU is 40%.

7. What is the total percentage of courses taken at NC State? (At least 50% of hours for graduate programs and at least 25% for undergraduate programs must be taken at NC State)

60% of courses required for the MT degree are taken at NC State. Basically, the entire curriculum will be delivered by NC State faculty, considering there are four courses at ZSTU being taught by NC State faculty members.

8. To be eligible for a bachelor's degree, a student must have earned at least 30 of the last 45 hours of credit through NC State courses. If this requirement will not be met, please provide justification to explain.

N/A. The dual degrees are at the graduate level.

9. Transfer hours allowed by NC State.

12 hours.

10. Transfer hours allowed by Partner.

12 credit hours

11. Will course credit from Partner Institution count toward NC State GPA calculation? (If yes, explain)

No. Transfer credits will not be included in the calculation of a student's periodic or cumulative grade point average by the transferee school. Grade point averages for both programs are calculated independently by the two schools.

12. Describe other requirements. (residence, comprehensive exams, internships, language, etc.)

No other requirements.

13. Provide list of courses that will be offered totally online and in hybrid format. Indicate the applicable format next to each course.

No.

14. Will NC State courses be offered at an off-campus site either through DE or face-to-face? If so, has the site been approved by SACS?

Only at ZSTU for the 4 transfer courses.

X. ASSESSMENT/MEASURABLE OUTCOMES:

What are the measurable student learning outcomes for this academic arrangement and how will they be assessed? Note: Outcomes for the existing degree must be met in the dual degree arrangement, and a copy of the most recent assessment plan must be attached to all Memorandum of Agreement renewals. Provide any additional outcomes related to the academic collaborate arrangement.

Consistent with the standard curriculum for the MT course and the Department of TATM courses, the standard measures of student learning outcomes will continue in the dual degree program.

XI. FACULTY CREDENTIALS FROM THE PARTNER INSTITUTION:

1. Provide a list of the faculty directly involved in teaching courses as part of this program of study. Attach the CV for each.

- a. Faculty at partner institutions who wish to serve as NC State Graduate Faculty members, advising graduate students and serving on graduate student advisory committees, must be nominated to the Graduate Faculty. Contact the Graduate School for more information. (<https://www.ncsu.edu/grad/handbook/sections/1.3-grad-faculty.html> and email gfac-nomination@ncsu.edu)**

No new faculty will be hired specifically for the dual degree programs. The standard procedures for hiring and credentialing graduate faculty will continue in the dual degree programs.

XII. INSTITUTIONAL COMMITMENT AND RESOURCES:

NC State University:

1. Provide description of NC State's commitment to this academic arrangement.

No additional resources are required for the proposed dual degree program to exist and to be successful. The Department of TATM has committed the necessary resources by using its standard allotment of budget spending, space and human resources/faculty/staff.

2. Provide detail regarding the funding for this arrangement (amount, source, duration).

NO additional funding is required at NC State to run for the dual degree program. ZSTU will seek funding from their institution to run the program and providing financial support for the eligible students to attend the MT program at NCSU in Year 2.

3. Provide detail regarding facilities and space (amount, source, duration).

No additional space is required at NC State.

4. Provide detail regarding library resources (amount, source, duration).

No additional library resources are required.

5. Provide detail regarding equipment required for this arrangement.

No additional equipment is required at NC State to run the program.

6. Other:

N/A

Partner Institution:

1. Provide description of Partner's commitment to this academic arrangement.

ZSTU has committed the necessary resources by using its standard allotment of budget spending, space and human resources/faculty/staff by agreeing to the attached Memorandum of Agreement.

2. Provide detail regarding the funding for this arrangement (amount, source, duration).

ZSTU will be responsible for all the necessary expenses for the part of the dual degree program offered at ZSTU campus (including the cost of the 4 courses taught by NC State faculty members at ZSTU), and will set up a scholarship as the financial aid for students going to study at NC State in Year 2. The funding would be sought mainly from the students' tuition paid to ZSTU.

3. Provide detail regarding facilities and space (amount, source, duration).

ZSTU will provide the right to the use of such infrastructures as places for the part of the program implemented at ZSTU campus (including classrooms, public computer rooms, libraries, places for hands-on instruction and sports facilities), student dormitories and logistics.

4. Provide detail regarding library resources (amount, source, duration).

Students of the dual degree program will have the same access to the library resources as other ZSTU students.

5. Provide detail regarding equipment required for this arrangement.

N/A

6. Provide detail regarding any institutional policy or practice that would prohibit student participation based on race, gender, ethnicity, or religion.

N/A

7. Other: N/A

XIII. REVIEW SCHEDULE FOR AGREEMENT:

All agreements will be for a period of 5 years, unless otherwise specified. If requesting a renewal, nine months prior to the end date of the agreement the required renewal documentation must arrive at the Graduate School or the Office of Undergraduate Courses and Curricula and Academic Standards. This will provide continuity in the university review process. Upon the scheduled review date, responses to review criteria will be required to be completed and provided to the university review committee. If the agreement will be discontinued, a teach-out plan will be required for those students remaining in the program. Results of the most recent assessment plan must be attached to renewal documents.

As part of this agreement, specify the following:

1. What criteria will be used by the participating NC State College to determine whether the program should continue?

The standard university policy for all other dual degree programs should apply to this proposed degree program.

2. In what year will this agreement be evaluated (if not 5 years from the original effective date)?

In 5 years from the arrival of the first class of students at NC State campus.

XIV. SACSCOC disclaimer to be followed as part of this Agreement:

For agreements with Partner institutions that are not accredited by SACSCOC, the following disclaimer must be included in the Memorandum of Agreement and in any advertised postings by the Partner institution in compliance with SACSCOC procedures related to collaborative academic agreements. The NC State program coordinator for this agreement must monitor the Partner institution's statements of relationship to ensure conformance with this disclaimer. In addition, neither Member nor Partner institutions may use the SACSCOC logo. Its use is reserved exclusively for the Southern Association of Colleges and Schools Commission on Colleges.

Disclaimer Statement:

“North Carolina State University is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award **Master of Textiles degree**. **Zhejiang Sci-Tech University** is not accredited by the Commission on Colleges and the accreditation of North Carolina State University does not extend to or include **Zhejiang Sci-Tech University** or its students. Further, although North Carolina State University agrees to accept certain course-work from **Zhejiang Sci-Tech University** to be applied toward an award from North Carolina State University, that course-work may not be accepted by other colleges or universities in transfer, even if it appears on a transcript from North Carolina State University. The decision to accept course-work in transfer from any institution is made by the institution considering the acceptance of credits and course-work.”

XV. SACSCOC Prospectus

Please see <http://www.sacscoc.org/forms/principle/Prospectus-SubstantiveChange.docx> regarding SACSCOC prospectus requirements. For procedural guidance, please contact the Graduate School or the Office of Undergraduate Courses and Curricula and Academic Standards.

XVI. This agreement must follow the stipulations listed below to be in compliance with N.C. State and SACS policies:

- The SACSCOC disclaimer is included in this agreement and will be included in any marketing for this dual degree arrangement.
- This agreement requires at least 25% of the credits for an Undergraduate program and 50% for a Graduate program be awarded by N.C. State.
- The SACSCOC logo does not appear on this agreement and will not be used by the N.C. State or the Partner institution.
- The Partner institution will provide timely access to their materials, physical site(s), and personnel in conjunction with accreditation reviews, if requested.
- This agreement will be reviewed in 5 years from the date of final signature.
- The signing of this agreement and any supporting documentation assures compliance with the requirements of this Memorandum of Agreement. Any changes will require approval by the signatories and other approval bodies as applicable.

XVII. General Provisions

1. **Contact Person and Notices.** All notices under this Memorandum of Agreement should be delivered in writing, signed by the party giving notice, to:

	<u>NC State</u>	<u>Partner Institution</u>
Name	Jon Rust	Xiaofen Ji
Title	Interim Associate Dean College of Textiles	Chair of Executive Committee College of International Education
Office	Room 3409	Room 521
Address	1020 Main Campus Drive	No. 19 Building of Xiasha Campus
Phone	919-515-6564	057186843486
Email	jon_rust@ncsu.edu	xiaofenji@zstu.edu.cn

2. **Termination of this Agreement.** This agreement may be terminated by either party upon sixty (60) days written notice to the other party. If the agreement is terminated, any participants identified previous to the termination of the agreement will be allowed to complete their programs.

3. **Costs.** Each party shall be responsible for its own costs and expenses in implementing this program.

4. **Transfer.** Neither party may assign, delegate, or otherwise transfer any obligations under this Memorandum of Agreement without the prior written consent of the other party.

5. **Use of Marks.** Neither party shall identify the other in any promotional advertising or other promotional materials or to use the name of either party's trademarks, service marks, symbols, nicknames, or logos of either party, without the prior written consent of the other party, except to identify that the parties have entered into this Memorandum of Agreement.

6. **Compliance with Applicable Law.** The Partner Institution shall comply will all laws, ordinances, codes, rules, regulations, and licensing requirements that are applicable to the conduct of its business, treatment of personal information, and local agencies having jurisdiction and/or authority.

7. **Severability.** If any provision of this Agreement is held to be invalid or unenforceable for any reason, this Memorandum of Agreement shall remain in full force and effect in accordance with its terms disregarding such unenforceable or invalid provision.

8. **Entire Agreement.** This Memorandum of Agreement contains the entire agreement of the parties and there are no representations, inducements or other provisions other than those expressed herein. All changes, additions or deletions to this Memorandum of Agreement shall be in writing and executed by the authorized representatives of both parties.

Signatures – Memorandum of Agreement

IN WITNESS WHEREOF, the authorized representatives of the parties have executed this agreement on the date(s) indicated below:

The signing of this agreement and any supporting documentation assures compliance with the requirements of this Memorandum of Agreement. Any changes will require approval by the signatories and other approval bodies as applicable.

NC State	Zhejiang Sci-Tech University
Dr. Peter Harries Dean, Graduate School Date:	Prof. Xiaofen Ji Chair of Executive Committee School of International Education Date:
Dr. Warwick Arden Executive Vice Chancellor and Provost Date:	Prof. Wenxing Chen President Date:



浙江理工大学

ZHEJIANG SCI-TECH UNIVERSITY

中国杭州下沙高教园西区
West District, Xia Sha Higher Education Zone
Hangzhou, China, 310018

Tel:+86-571-86843078
Fax:+86-571-86843079

Letter of Support

April 8, 2018

Dear Sir/Madam,

Zhejiang Sci-Tech University is pleased to collaborate with North Carolina State University on the dual Master's degree program. Students will be admitted first to ZSTU graduate program and apply for admission to the graduate program at NC State at the end of their first year at ZSTU. Qualified applicants will pursue the Master of Textile degree at NC State in their second year. These students will return to ZSTU at the end of the second year to complete the degree requirement for the Master of Engineering degree at ZSTU.

Zhejiang Sci-Tech University is a key university in Zhejiang Province, China known for its tradition and strength in the teaching and research in the field of fashion and textiles. Fashion and textile industry has long been a pillar industry in Zhejiang Province, and will be developed into one of the eight "trillion" industries according to the developmental strategies of the Zhejiang Provincial Government. The dual Master's degree program is in line with ZSTU's goal to develop students' international perspective and expand the international exchange and cooperation and would help to satisfy the need for a growing number of professionals for the further development of fashion and textile industry. On behalf of Zhejiang Sci-Tech University, I hereby confirm that ZSTU will give its full support to the development of the dual Master's degree program and do everything in its capacity to fulfill its obligations under the program agreement.

I look forward to working with you towards a fruitful collaboration.

Sincerely,

A handwritten signature in black ink, appearing to read 'Wenxing Chen'.

Wenxing Chen
President
Zhejiang Sci-Tech University

August 6, 2018

Peter Harries, Interim Dean
The Graduate School
NC State University
Raleigh, NC 27695

Re: NCSU-ZSTU Dual Degree Partnership

Dear Dr. Harries:

I am writing this letter to provide my strong support to the proposed Dual Degree Partnership between the College of Textiles at NC State and the College of Global Education at the Zhejiang Sci-Tech University (ZSTU). Through the collaboration between the two programs, high quality students recruited from China can accomplish two master's degrees within three years: a Master of Textiles (MT) degree from NC State and an Academic degree of Master of Engineering in Clothing Design and Engineering (ME) from ZSTU. Students will spend their first year at ZSTU to fulfill some of the degree requirements for the Master of Engineering degree while also taking four courses delivered by NC State faculty members. Students will be enrolled at NC State in their second year to accomplish the degree requirement for MT. In their 3rd year, the students will return to ZSTU campus to complete their ME degree requirement. This program will provide mutual benefits to both programs. For NC State, this partnership provides a great opportunity to recruit high quality and well prepared students to graduate programs in the college.

ZSTU is a key university in the Zhejiang Province of China and is well-known for its research and higher education in the field of fashion and textiles. The university provides great research and talent support to the textile and fashion industry in the area, which is the leading fashion and textile zone in the country. ZSTU has been a long time global partner for the College of Textiles through research and education endeavors. The two universities have an MOU in place to oversee the diverse collaborations between the two universities, including the 3+X programs. The College of Textiles has continuously been receiving 3+X students from ZSTU in the past 5 years.

Several of the faculty members in the college, including myself, have visited ZSTU and were impressed with the research and teaching activities of the university. ZSTU also has sent a group of faculty members to the College of Textiles for short-term visit or long-term research collaborations, including Dr. Xiaofen Ji, the chair of the executive committee of the College of Global Education. Therefore, the faculty of the two programs have a good appreciation of each other's research expertise, curriculum, and vision and mission statements. I am very positive that this proposed partnership will not only provide opportunity for graduate education, but also can foster and enhance the research collaborations between the two universities.

I would like to provide my full support to this proposed dual degree partnership between the College of Textiles and ZSTU. The College is looking forward to working closely with the graduate school on this dual-degree program. Please let me know if you need further information

Sincerely,



David Hinks, Ph.D.
Dean