

**BACHELOR OF SCIENCE IN BIOPROCESS ENGINEERING  
DUAL DEGREE PROGRAM AGREEMENT  
BETWEEN SUNY ESF AND BEIJING UNIVERSITY OF CHEMICAL TECHNOLOGY**

SUNY ESF

1 Forestry Drive  
Syracuse, New York 13210, USA

BEIJING UNIVERSITY OF CHEMICAL TECHNOLOGY

Beijing  
P.R. China

This Agreement is made and entered into on the date of the final signature hereto, by and between the State University of New York – College of Environmental Science and Forestry (SUNY ESF) and Beijing University of Chemical Technology (BUCT), for the purpose of establishing a Bachelor of Science Program in Bioprocess Engineering that would be offered jointly by the two institutions.

**I. Eligibility of Student Participants**

- a. All applicants shall be *bona fide* matriculated students and be enrolled in the Bachelor of Science in Bioprocess Engineering or Bachelor of Science in Bioengineering at BUCT.
- b. SUNY ESF will accept a limited number of students each year from BUCT to participate in the dual degree program. At least six months before the anticipated date of enrollment, the number of students to participate will be decided mutually by the faculty coordinator at SUNY ESF (in collaboration with the Office of Admissions and the Office of the Provost) and the designated official or faculty coordinator at BUCT's International Office.

**II. Selection and Admission of Participants**

- a. Prospective student participants must file an application and all documents required by the SUNY ESF Office of Admissions. However, the application fee will be waived.
- b. To be considered, applicants must present a minimum score of 550 (paper-based test), 213 (computer-based test) or 79 (internet-based test) on the TOEFL (Test of English as a Foreign Language); or Total: 6 (with no less than 5 in Writing) on the IELTS; or Grade pre-1 on the STEP EIKEN tests. For complete and updated requirements, see <http://www.esf.edu/graduate/documents/InternationalAdmissioninfo.doc>.
- c. Participants will be selected based on recommendation by the faculty coordinator at BUCT, credentials documented in the application materials, and results of an interview with an SUNY ESF faculty member. The SUNY ESF Office of Admissions will make the final decision regarding admission to the program.
- d. SUNY ESF will facilitate the selection process by sending one faculty member to BUCT in the late summer or early Fall to interview prospective student participants. The SUNY ESF faculty member will bring the completed applications, along with copies of the applicants' academic records from BUCT to the SUNY ESF Office of Admissions.
- e. Participants will be admitted to SUNY ESF as BS diploma (degree-seeking) students majoring in Bioprocess Engineering or Paper Engineering.
- f. Participants are expected to matriculate and begin their studies at SUNY ESF in the second term (beginning in January) of their Junior year.

**III. Curriculum**

- a. The curriculum for the dual degree program is defined in the attached articulation agreement.
- b. BUCT may have additional requirements over and above the curriculum.
- c. The curriculum should be reviewed by both institutions every other year. However, updating and/or modification of the curriculum must be approved by both institutions.

**IV. Dual Degree Program Assessment**

- a. Each institution will provide documentation on student performance for the required courses and selected elective courses as requested by the other institution for program evaluation and/or assessment purposes. The dual degree program must meet standards for accreditation established by the Middle States Commission of Higher Education, and by the Accreditation Board of Engineering and Technology (ABET).
- b. Evaluation and review of the dual degree program will be conducted annually by each institution for the graduating class. The evaluation results will be shared by both institutions.

**V. Granting of Degree to Individual Student Participating in the Program**

- a. Each institution agrees to facilitate the transfer of successfully completed credits to the other institution.
- b. To qualify for the ESF diploma participants must be physically present at SUNY ESF for a minimum of two semesters and successfully complete a minimum of 30 credits hours of study at SUNY ESF.

- c. Participants who fulfill all the requirements of the dual degree program will receive diplomas from BUCT and ESF, and be recognized as graduates of both institutions.

#### VI. Tuition, Fees and Financial Aid

- a. Tuition and fees for the dual degree program students attending SUNY ESF will be the out-of-state rate less a scholarship that will average \$4000 per student per year (\$2000 per semester).
- b. Students will pay tuition and fees to ESF. BUCT will be consulted to determine the distribution of scholarship funds among students coming to ESF.

#### VII. Housing and Other Expenses

- a. Participants are responsible for the cost of their room and board. SUNY ESF will offer participants options for housing in SUNY ESF and/or Syracuse University residence facilities, however participants may elect to take lodging in off-campus quarters.
- b. Participants are responsible for arranging and paying for their own in-country and international travel, medical insurance, passport and visa application fees, textbooks, personal items and any other expenses.

#### VIII. Other Related Articles

- a. Participants will be required to comply with the SUNY insurance policies and procedures for international students.
- b. Participants shall abide by all applicable rules and regulations of BUCT and SUNY ESF, and by all applicable laws, rules, and regulations of the home and host countries. In case of violation, either institution has the right to terminate the student's participation, and SUNY ESF has the right to expel the violator.
- c. The faculty coordinator at ESF will serve as the first point of contact at ESF for the participants.
- d. BUCT may elect to develop a program that would permit SUNY ESF students to complete a similar dual degree program by completing at least one year of study and a minimum of 30 credit hours at BUCT.
- e. Participants in the dual degree program are encouraged to consider graduate study at SUNY ESF following completion of their BS degrees. Participants should contact individual professors and/or the Graduate Coordinator in the Department of Paper and Bioprocess Engineering (PBE) for potential openings. Research assistantships may be available to provide financial support for graduate study.

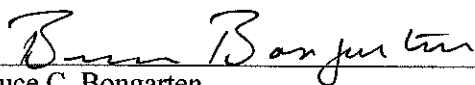
#### IX. Staff Exchange

- a. Teaching and research staff from one institution are encouraged to visit the other institution. The host institution will facilitate the visits.
- b. ESF will fund one faculty member each year to travel to BUCT to interview the students and coordinate the dual degree program.

#### X. Validity of Agreement

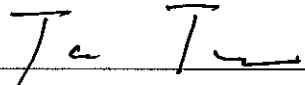
- a. All modifications to this agreement must be in writing and signed by both parties.
- b. This agreement becomes effective when signed by representatives of the two universities and shall remain effective for a period of five years. During the final year of the agreement, a full review of the program will be conducted by both institutions and renewal for another five-year period will be considered.
- c. Either party giving ninety (90) days written notice to the other party may terminate this agreement provided that such termination will not affect the completion of any activity underway at the time. If future activity has been advertised and either party has made commitments to students concerning such activity, such termination will not affect that activity.

By and on behalf of  
The State University of New York – College of  
Environmental Science and Forestry

  
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Bruce C. Bongarten,  
Provost / Vice President

June 8, 2009  
Date

On behalf of  
Beijing University of Chemical Technology

  
\_\_\_\_\_  
Tianwei Tan  
Vice President

June 8, 2009  
Date