Contract Agreement

The Ursuline College – School of Arts & Sciences

and

The University of Toledo – College of Pharmacy

UC/UT Pharmacy Partnership Program

This Agreement sets forth the mutual understanding that exists between The Ursuline College School of Arts & Sciences (UCSAS) and The University of Toledo College of Pharmacy (UTCP) for the education of students within specific programs at each institution and for collaboration in research and M.S. and Ph.D. training. The official title of the program is the UC/UT Pharmacy Partnership Program (the Partnership). The primary purpose of the Agreement is to allow Pepper Pike-area students' access through UC to the Doctor of Pharmacy (Pharm.D.), a professional degree leading to licensure, and to the Bachelor of Science in Pharmaceutical Science (BSPS) degrees offered by the UTCP. In addition, B.S. students at both universities will be provided with information about M.S. and Ph.D. programs at the other institution, and research fostered among the faculties of the two colleges. Another objective is to provide an academic venue at the UC for bringing together advanced pharmacy students, their preceptors and faculties of both institutions for pharmacy-related programs and activities.

Dual Admission and Enrollment

Beginning in the fall of 2006, up to thirty (30) students will be dually admitted to and enrolled in the UC and the UTCP pre-pharmacy program. The policies of both institutions will be applied to dually admitted students.

UTCP Internal Admission Process

Partnership students will be subject to the same internal admission guidelines as current UT students. Alternatively, qualified students may receive contingent admission to the PharmD or BSPS programs, thereby reserving a place for the student, providing they continue to meet specific criteria. The current contingent admission policy is presented in Appendix A and incorporated herein by reference. Students who are dually admitted to the partnership program and who desire an early transfer to The University of Toledo (UT) may be admitted to the preprofessional division. Admission to the professional division will be considered under traditional transfer evaluation guidelines and not under this partnership agreement.

Curriculum and Course Equivalencies

Curriculum and course equivalencies are presented in Appendix B, which is an initial list subject to modification by mutual agreement.

02.10.06
Advising and Registration

Advising of freshmen enrolled in the Partnership will be managed by an appointed academic advisor in the Freshman Year Experience and Advising Office at UC. The Partnership Director will advise sophomores enrolled in the Partnership.

Students register and pay at both UT and UC. UC will be the home school for enrollment and financial aid certification for enrollment and financial aid certification during the first two years of the program and UT will be the home school for the final two (BSPS) and final four (PharmD).

Tuition and Fees

Students dually admitted in the first two years of the program will pay the appropriate tuition and fees to UC and UT at the prevailing rates for courses taught by personnel of the respective institutions. Tuition and fees for distance learning courses originating at UT will be paid directly to UT by Partnership students at the rates established annually by the Division of Distance Learning at UT. Students in the final two (BSPS) or four (PharmD) years of the program will pay tuition and fees to UT at the prevailing UT rates.

Scholarships

Partnership students are eligible to apply for UTCP scholarships available to current UT students. Application occurs at the end of fall semester each year.

Once admitted to the Professional Division, the Coordinator of Internal Admissions will forward the names of those students to the Transfer Scholarship Coordinator for consideration for UT transfer scholarships.

Typical Scenarios

PharmD
A typical student pursuing the PharmD degree would receive the first two years of instruction at the UC, while completing a number of pharmacy-specific courses taught by UT faculty on the UC campus. The student would then complete three years of the professional division at the UTCP. The student may return to the Cleveland area for the last year of training in clerkship rotations at institutional and community settings that are coordinated and administered by UTCP.

BS in Pharmaceutical Sciences
A typical student pursuing the BSPS degree would receive the first two years of instruction at UC, while completing a number of pharmacy-specific courses taught by UT faculty on the UC campus in class or through distance learning. The student would then complete the final two years of the program at the UTCP, with the possibility of a practicum at a site in the Cleveland area. All coursework and practicum will be under the administration of UTCP.
Recruitment of Students
Recruitment of dually admitted students will be a collaborative effort between the UC and the UT, using and combining resources normally used by each college in proportion to the number of desired students. This will include the services of the high school recruiter assigned to the UTCP.

Recruitment of students into the BSPS program may involve the BSPS Program Director, current majors, faculty, and college administrators.

Retention of Students
Engagement in the UCSAS FYE and professional socialization events will be utilized as a means of retention. Students will be invited to participate in the Walgreens Leadership Dinner and other events hosted by corporations. Partnership students will be informed of, and encouraged to establish, pharmacy student organizations or become active members of the UTCP chapters. The UTCP Pharmacy Student Council will be encouraged to establish communication links with Partnership students. A pharmacy reading room will be maintained by UTCP as a means of exposing students to professional publications and some reference books.

Assessment
Students admitted under this agreement will be tracked to allow for formative and summative assessment. The UTCP will assume the major responsibility for assessment according to standards set forth by the American Council on Pharmaceutical Education. Relevant assessment information, for example, performance measures on standardized tests, will be shared between the UCSAS and the UTCP.

Degree Requirements
Degree requirements for students in the Partnership will be those represented in the official University of Toledo Catalog at the time of the dual admission.

Transcripts
UCSAS will send all transcripts to UTCP Office of the Registrar within three (3) weeks after grades are posted.

UTCP Presence at UC
Space will be provided by UCSAS for UTCP personnel to carry out collaborative program functions, including student advising, program monitoring, recruitment of students into the program and coordination of Pepper Pike area pharmacy programs and activities. An account to manage expenses
for the Partnership will be established at UC. Access to communications (for example, telephone line and computer access) will be provided by UC but will be reversed paid by the Partnership through this account. Computers, office furniture, and any other specialized equipment will be provided by UTCP.

Research Collaboration

Research collaboration between the faculties at UC and UT will be encouraged and facilitated. If fees are required for the use of specialized research instrumentation at one university, preferred rates will be given to faculty from the other institution. The deans of the two colleges will facilitate the development of research proposals involving the faculties of both colleges.

Intellectual Property

Any inventions or other technology, resulting from collaborative research under this Agreement, will be owned; (a) by UC, if made solely by UC personnel; (b) by UT, if made solely by UT personnel; and (c) by UC and UT jointly and equally, if made by both UC and UT personnel. The rights of personnel with respect to inventions or other technology resulting from collaborative research under this Agreement will be governed by the policies and practices of the home institution.

Collaboration in M.S. and Ph.D. programs

Students, especially B.S. students at both universities, will be made aware of relevant M.S. and Ph.D. programs at the other institution. This will include, if requested, the hosting of on-site recruitment events. Other arrangements, for example, a program in which a student completes M.S. requirements at one university and Ph.D. requirements at the other with faculty from both colleges on the degree committees, will be considered on an individual basis.

Modification and Termination

This Agreement will remain in effect until modified by mutual written agreement or terminated by The Ursuline College or The University of Toledo. A one-year's notice is required prior to termination by either party or by mutual agreement. Students in progress at UCSAS or UTCP under the terms of this Agreement at the point of its termination will be permitted to continue under the terms in operation at the time of their initial participation.
Governing Law

This Agreement shall be governed and construed in accordance with the laws of the State of Ohio.

Effective Date

This agreement is effective as of March 1, 2006.

For and on Behalf of Ursuline College

Christine De Vinne, Ph.D.          JoAnne M. Podis, Ph.D.          Sister Diane Stano, O.S.U., Ph.D.

Dean of the School of Arts and Sciences      Vice President for Academic Affairs

For and on Behalf of the University of Toledo

Johanie L. Early, II, R.Ph., Ph.D.          Alan G. Goodridge, Ph.D.          Daniel M. Johnson, Ph.D.

Dean of the College of Pharmacy           Provost & Executive VP for Academic Affairs and Enrollment

Signing date:

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The College of Pharmacy has contingent admission to the Professional Division available on a competitive basis. To be considered for contingent admission the following must be completed in the year preceding fall admission:

- Achieve and report by December 1, 2005 a composite ACT of 29 or above (or a combined Verbal/Math total SAT of 1280 or above) and have a cumulative high school GPA of 3.75 on a 4.0 scale or above in a college preparatory high school curriculum (4 units of English, 3 units of natural science, 3 units of social science, 3 units of math including Algebra I, II, Geometry, or equivalent).

- Submit a complete admission application to the University of Toledo including an official high school transcript and official ACT and/or SAT test results postmarked by December 1, 2005.

Upon receipt of your completed admission application, additional materials may be requested. Final notification of contingent admission status will occur in mid-March.

Once admitted into the program, students must achieve a cumulative and science GPA of 3.5 or above as calculated by The University of Toledo by the end of fall semester of year two. If a student does not meet the 3.5 GPA requirements, he/she must apply for admission into the program with the remainder of the class. Failure to complete required courses by the end of fall semester of year two at UTCP will render the student ineligible for contingent admission into the Professional Division.
# Ursuline-UT Pharmacy Partnership Pre-Professional Division---Program of Study

## FIRST YEAR

<table>
<thead>
<tr>
<th>Fall Semester</th>
<th>Credit Hours</th>
<th>Spring Semester</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>CHEM 105 (UC)</td>
<td>General Chemistry I</td>
<td>3</td>
<td>CHEM 106 (UC)</td>
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<td>CHEM 105L (UC)</td>
<td>General Chemistry I Lab</td>
<td>1</td>
<td>CHEM 106L (UC)</td>
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<td>BIOL 207 (UC)</td>
<td>General Biology I</td>
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<td>BIO 205 (UC)</td>
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<td>BIOL 207L (UC)</td>
<td>General Biology I Lab</td>
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<td>BIOL 205L (UC)</td>
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<td>MAT 221 (UC)</td>
<td>Calculus I</td>
<td>4</td>
<td>MAT 222 (UC)</td>
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<tr>
<td>US 101 (UC)</td>
<td>*Eng Comp I</td>
<td>3</td>
<td>US 102 (UC)</td>
</tr>
<tr>
<td>(AM or WO Satellite)</td>
<td>(*Core Multicultural Elec.)</td>
<td>(3)</td>
<td>PSY 101 or SO 103 (UC)</td>
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</table>

**Total Hours**: 15 (18)

## SECOND YEAR

<table>
<thead>
<tr>
<th>Fall Semester</th>
<th>Credit Hours</th>
<th>Spring Semester</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 221 (UC)</td>
<td>Organic Chemistry I</td>
<td>3</td>
<td>CHEM 222 (UC)</td>
</tr>
<tr>
<td>CHEM 221L (UC)</td>
<td>Organic Chemistry Lab I</td>
<td>1</td>
<td>CHEM 222L (UC)</td>
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<td>PHCL 2600 (UT)</td>
<td>Funct. Anat. &amp; Pathophysiology I</td>
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<td>PHCL 2620 (UT)</td>
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<td>PHPR 2010 (UT)</td>
<td>Intro to Patient Care</td>
<td>2</td>
<td>PHYS 202 (UC)</td>
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<td>PHYS 201 (UC)</td>
<td>General Physics I</td>
<td>3</td>
<td>PHYS 202L (UC)</td>
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<td>PHYS 201L (UC)</td>
<td>General Physics I lab</td>
<td>1</td>
<td>EC 103 (UC)</td>
</tr>
<tr>
<td>US 350 (UC)</td>
<td>*Core Humanities Elective</td>
<td>3</td>
<td>US 351 (UC)</td>
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</table>

**Total Hours**: 17 (18)

* Suggested sequence

→ A minimum of 44 earned semester hours are necessary for eligibility to apply to the Professional Division.

→ A minimum of 63 semester hours of the Pre-Professional Division courses must be earned prior to the Fall Semester of the 1st year of the Professional Division.

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*** UT CORE ELECTIVES**

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Select at least one (1) course</th>
<th>Humanities/Fine Arts</th>
<th>Multicultural Studies</th>
</tr>
</thead>
</table>
| ENGL 1110 (3 hrs) | PSY 1010 (3 hrs) or ENGL 1130-1150, SOC 1010 (3 hrs) | At least 2 courses totaling no less than 6 hours must be taken with no more than one course from any department or discipline. | At least 2 courses totaling no less than 6 hours:

1. Diversity of U.S. Culture and 1 Non-Western. |

| 2950 (3 hrs) | ECON 1200 (3 hrs)(micro) must take prior to prof. div. | | |

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Appendix B