

# Academic Program Objectives

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Taylor University's academic programs:

- Require students to demonstrate depth of learning in an academic major.
- Structure the general education experience for the dissemination of the liberal arts heritage.
- Foster the capacity for making sensitive, value-oriented judgments.
- Engage students and faculty in and encourages research.
- Prepare students for conscientious and creative leadership in a technological world.
- Establish foundations for graduate study.
- Share intellectual expertise with the larger geographical, scholarly, and faith communities.
- Anchor specific career preparation for a variety of professions in a foundation of appropriate academic experiences, cultural breadth and Christian perspectives.
- Prepare students to meet external certification and licensing requirements.
- Provide pre-professional preparation.

## Degree Requirements

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Taylor University offers programs leading to the degrees of bachelor of arts, bachelor of science, bachelor of music or associate of arts.

All degrees require students to fulfill general education, major field, and elective courses. Students must declare a major by the time they reach junior status (61 hours). Students must also demonstrate proficiency in the essential skill areas: reading, math, and writing.

In view of occasional curricular changes, continuously-attending students may elect to meet the graduation requirements that were in effect at the time they entered Taylor University. They may also elect to declare a subsequent year's catalog requirements. In situations where curricular changes must be made in compliance with new licensing or credential requirements, students will be required to comply with new requirements.

While there is no official time limit for the completion of a degree for continuously-attending students, those students who interrupt their enrollment for more than two full semesters must apply for readmission through the Office of Admissions and are required to meet the degree requirements current at the time of readmission.

### **Baccalaureate Degree Requirements**

A baccalaureate degree is an award that requires the completion of at least four academic years of college-level work or the equivalent in an academic field of study and that meets the institutional standards for satisfying the requirements of this degree level. Only one degree is awarded for each major.

The *bachelor of arts degree* centers on courses of study in the arts and sciences. It is likely to include more elective courses in the major field of study. Candidates for the bachelor of arts degree must demonstrate the equivalent of two years of sequential college-level study in one foreign language.

The *bachelor of science degree* requires more upper-division courses, fewer electives, and a practicum or internship experience. Bachelor of science degrees are often awarded to students preparing for professional fields. Students usually specialize more in the natural and social sciences than in the humanities. Most bachelor of science degree programs are available only when combined with curriculum requirements in education or systems analysis.

The *bachelor of music degree* is the initial professional baccalaureate degree in music. Its primary emphasis is on development of skills, concepts and sensitivity essential to the professional life of a musician. The degree may be combined with curriculum requirements in education.

Students must make application and receive approval of both departments before adding concurrent majors/minors; adding a third major or minor requires approval of the department chairs, the Curriculum Management Committee and Registrar.

The following requirements apply to the baccalaureate program:

- Minimum of 128 semester hours.
- The residency requirement for the awarding of a Taylor University degree is fifty percent of the minimum degree requirement.
- At least 22 of the last 30 hours earned toward the degree must be taken in residence at Taylor University.
- Completion of all general education requirements.
- Demonstrate proficiency in reading and mathematics.
- Cumulative GPA of 2.00. Higher GPAs are required in certain curricula (e.g. *social work*).
- Passing grade in all hours for graduation.
- Minimum of 42 semester hours of upper-division (*300-/400-level*) courses.
- Candidates for two degrees must complete a minimum of 158 semester hours and meet requirements for two different majors.
- Students desiring to complete the requirements for two degrees (e.g. BA, BM, BS) must make application and receive approval from both departments, the Curriculum Management Committee and Registrar.

## **Language Requirement for Bachelor of Arts Degree**

Candidates for the bachelor of arts (BA) degree must demonstrate the equivalent of two years of sequential college-level study in one foreign language for graduation from Taylor University. Taylor offers language instruction in French, Spanish, New Testament Greek, and Old Testament Hebrew. *Language courses required for the BA degree must be completed for a grade and are not eligible for the pass/fail option or for audit credit.*

For additional information regarding language proficiency, contact Dr. Dan Treber, Department of Modern Languages chair, at (765) 998-5249 or email [dntreber@taylor.edu](mailto:dntreber@taylor.edu).

### **French and Spanish**

Students who have had two full years of high school French or Spanish and intend to continue in the respective language should register for FRE 101 or SPA 101. Students who have had three full years of high school French or Spanish and intend to continue in the respective language should register for FRE 102 or SPA 102. Students who have had four full years of high school French or Spanish and intend to continue in the respective language should register for FRE 201 or SPA 201.

Students who have transferred in French or Spanish college credit should continue with the next sequential course.

Any placement outside of these guidelines requires taking the language placement exam as administered by the Department of Modern Languages.

Students who place into French or Spanish 202 may receive credit for 201 by taking and successfully completing 202 with a minimum grade of B-. The fee for posting credit to the transcript should be paid at the time of notification.

Students who place beyond 202 have various options:

1. *To fulfill the language proficiency requirement and receive no credit*, students need not take any additional language course.
2. *To fulfill the language requirement and receive six hours of credit for 201 and 202*, students may take the CLEP exam by the end of their first year at Taylor. If the student passes the exam, the fee for posting credit to the transcript should be paid at the time of notification.
3. *To fulfill the language requirement and receive six hours of credit for 201 and 202*, students may take and successfully complete an advanced Taylor course in the language with a minimum grade of B-. The fee for posting credit to the transcript should be paid at the time of notification.

Students who take and pass the AP exam in French or Spanish with a score of 4 will have met the language proficiency for the BA degree and may receive credit for 201 and 202. The fee for posting credit to the transcript should be paid at the time of notification. These exams must be taken prior to enrollment at Taylor.

### **Greek and Hebrew**

Placement exams for New Testament and Old Testament Hebrew are currently not available. Students interested in completing Greek or Hebrew to meet the language requirement for the BA degree should contact the Biblical Studies, Christian Education, and Philosophy Department for details. It is recommended that students with no previous study in Greek or Hebrew attain sophomore status before enrolling in Greek or Hebrew.

### **Chinese, German, Italian, and Japanese AP Exams**

AP exams are offered in Chinese, German, Italian, and Japanese. Any student scoring a 4 for these languages will have met the language proficiency for the BA degree. No credits will be given for these languages. If a student scores below 4 and wishes to pursue one of these language options, the student must meet with the Department of Modern Languages Chair. Any approved arrangement for meeting proficiency must be through a regionally accredited U.S. college or university and would not include transfer of credits from those institutions. Since AP is for high school students, these exams must be taken prior to enrollment at Taylor.

### **Russian and Other Languages**

For Russian and other languages not administered by AP, the student must meet with the Department of Modern Languages Chair. Any approved arrangement for meeting proficiency must be through a regionally accredited U.S. College or university and would not include transfer of credits from those institutions.

### **American Sign Language**

American Sign Language is not approved as an alternative language option and does not meet the BA language requirement.

## Systems for Bachelor of Science Degree

Program Director, Professor F. Aguilar

The purpose of the systems curriculum, coordinated by the Computer Science and Engineering department and combined with the courses in the major and the general education curriculum, is to prepare a student to acquire the knowledge and skills of a systems analyst. A systems analyst attempts to help an organization solve a problem, take advantage of an opportunity, or follow a directive coming from upper management, ownership, or the government in an effective and efficient manner. Analysts play a significant role in organizational development and operation of systems. In order to do so, they assist and frequently lead the effort to plan, analyze, design, implement and support the systems and improvements to them.

Systems analysts are required to know about information technology and its uses, how and why the organization functions, and the environment in which the organization carries out its mission. Analysts must also possess skills that allow them to speak and write effectively, work with others in projects, and be able to solve problems both in individual and group settings.

Systems may be combined with any baccalaureate major. Graduates have used what they have learned in systems in a variety of arenas, including those work-related and those of further formal education. For example, computer science graduates have designed computer-related solutions to take advantage of the interconnectedness of businesses that the Internet allows; business administration graduates have analyzed companies for their roles in the global business environment to determine if investment in them is wise for their clients; and accounting graduates have assisted organizations and individuals in making intelligent systematic decisions regarding federal, state, and local taxes.

Others have used their systems knowledge in their endeavors in graduate school. For example, psychology graduates have used what they learned in advanced statistics to conduct their graduate statistical studies regarding human behavior; chemistry and physics majors have designed research projects more efficiently; and mathematics majors have applied their knowledge in studies of actuarial science.

Students choosing a career in systems analysis may combine any baccalaureate major with the systems analysis curriculum. *All courses required by the systems curriculum must be completed with a grade of C- or better.*

## Systems Requirements

### Systems Curriculum Requirements

COS 120	4	Introduction to Computer Science I
IAS 330	3	Human Relations in Organizations
MAT 151	4	Calculus I
MAT 382	3	Advanced Statistical Methods
SYS 101	3	Introduction to Systems
SYS 390	3	Information Systems Analysis
SYS 392	1	Systems Seminar
SYS 394	3	Information Systems Design

Select one course<sup>f</sup> from the following:

COS 121	4	Introduction to Computer Science II
COS 240	3	Business Application Programming

Select one course<sup>f</sup> from the following:

MAT 210	4	Introductory Statistics
MAT 352	4	Mathematical Statistics

Select one course<sup>f</sup> from the following:

SYS 393	3-4	Practicum
XXX 393	3-4	Practicum

Select one course<sup>f</sup> from the following:

*SYS 401	4	Operations Research
*SYS 402	4	Modeling and Simulation

### Systems Electives

Select at least three hours of electives<sup>f</sup>, in addition to those required in the major or systems:

COS 265	3	Data Structures and Algorithms
COS 382	3	Language Structures
MAT 230	4	Calculus II
MAT 240	4	Calculus III
MAT 245	4	Linear Algebra
MAT 251	4	Differential Equations
SYS 214	3	Principles of Human Computer Interaction
SYS 310	3	E-Commerce
*SYS 401	4	Operations Research
*SYS 402	4	Modeling and Simulation
SYS 403	3	Operations Management

\*Courses in both areas may count only once.

<sup>f</sup>Selection may depend on major

Depending on the student's major and other areas of interest, other courses may be required in addition to or substituted for those listed above. For example, mathematics, physics, chemistry, and engineering majors take a different sequence of mathematics courses and may elect to take a computer science course other than COS 121 or 240, subject to Computer Science and Engineering departmental approval. Business majors are not required to take IAS 330. See academic departments (pages 59-231) for specific curriculum requirements.

## Associate of Arts Degree

An *associate of arts degree* is an award that requires the completion of at least two academic years of college-level work, or the equivalent, in an academic or occupationally specific field of study and meets institutional standards for satisfying the requirements for this degree level.

The associate of arts degree requires general education and major area courses, along with demonstrated proficiency in essential skill areas. At Taylor University, most of the degree programs are designed to prepare students for occupational-specific fields, as well as preparation for matriculation to baccalaureate degree programs. An associate of arts degree must be completed and awarded one calendar year before a baccalaureate degree from the same department can be awarded. The associate of arts in liberal arts is not to be taken with or awarded with any of the three baccalaureate degrees.

The following requirements apply to the associate's degree:

- Minimum of 64 semester hours.
- The residency requirement for the awarding of a Taylor degree is fifty percent of the minimum degree requirement.
- At least 22 of the last 30 hours must be taken in residence at Taylor University.
- Cumulative GPA of 2.00.
- The following general education courses: IAS 101, 110; ENG 110; CAS 110 or 120; PHP 100 and 200x (1 hour); BIB 110 and 210; COS 104 or 106; one social science or history course; HUM 230 or a literature course from ENG 230, 233, 240, or 250; and one science or math course. The AA degree in liberal arts is a final degree and requires: HUM 230, a literature course, and one science or one math course in addition to the courses listed above.
- Demonstrated proficiency in writing, mathematics, and reading.
- Fulfillment of all major area requirements. (Refer to Early Childhood Education, Liberal Arts, and Management Information Systems within academic departments for detailed listings.)
- This degree does not allow for more than one major area of study.