Accelerated Programs in CST

Overview

The College of Science and Technology (CST) has a variety of accelerated programs in partnership with professional and graduate programs. For a complete list, see Accelerated Degree Programs in the About Temple University section of the Undergraduate Bulletin.

3+3, 3+4 Bachelor/Professional Accelerated Programs

Temple Professional School Programs (Lewis Katz School of Medicine at Temple University, Temple University Kornberg School of Dentistry, Temple University School of Podiatry, Temple University School of Pharmacy) agree to cooperate in providing an accelerated 3+4 undergraduate/professional school education leading to both a Bachelor of Arts degree in the College of Science and Technology and a Doctorate degree from the Professional School. The Temple University College of Public Health agrees to cooperate in providing an accelerated 3+3 undergraduate/graduate education leading to both a Bachelor of Arts degree in the College of Science and Technology and a Doctor of Physical Therapy in the College of Public Health.

Students in the College of Science and Technology who are in a joint program listed above, have been admitted to the professional program at the end of their third year, and have completed 90 semester hours, may transfer their first year in professional study toward the completion of the credit requirements for the degree of Bachelor of Arts. Biology and Chemistry majors may also transfer approved courses in their first year of professional study toward the elective courses in their major.

Students in the College of Science and Technology who have been admitted to other health-related professional schools at the end of their third year with a cumulative GPA of at least 3.50 and who have completed 90 semester hours, including all course requirements of the major, college and university, may petition the dean for the transfer of their first year of professional study toward the completion of the credit requirements for the degree of Bachelor of Arts. University residency requirements must also be met.

The specific Bachelor/Professional accelerated programs are:

- Dental 3+4 Program
- Medical 3+4 Program
- Pharmacy 3+4 Program
- Physical Therapy 3+3 Program
- Podiatry 3+4 Program
- Pharmaceutical Sciences BS

Accelerated Programs within the College of Science and Technology

Many departments in the College of Science and Technology cooperate in providing an accelerated +1 undergraduate/graduate education leading to a Bachelor of Arts or Bachelor of Science degree as well as a Master of Arts, a Master of Science, or a Professional Science Master (PSM) degree from the Graduate School.

The specific accelerated +1 programs available within CST are:

- BA or BS in Biology / PSM in Scientific Writing
- BA or BS in Biology / PSM in Bioinformatics and Biological Data Science
- BA or BS in Biology / PSM in Bioinnovation
- BA or BS in Biology / PSM in Biotechnology
- BS in Biochemistry / PSM in Bioinformatics and Biological Data Science
- BS in Biochemistry / PSM in Bioinnovation
- BS in Biochemistry / PSM in Biotechnology
- BS in Biochemistry / PSM in Forensic Chemistry
- BS in Chemistry / MS in Chemistry
- BA or BS in Chemistry / PSM in Forensic Chemistry
- BS in Computer Science / MS in Computer Science
- BS in Computer Science / MS in Computational Data Science
- BS in Data Science / MS in Computational Data Science
- BA in Mathematics / MS in Mathematics
- BS in Mathematics / MS in Mathematics
- BS in Mathematics and Computer Science / MS in Computational Data Science
- BA or BS in Natural Sciences / PSM in Scientific Writing
Accelerated Programs in CST

- BA or BS in Natural Sciences / PSM in Bioinnovation
- BA or BS in Natural Sciences / PSM in Biotechnology
- BS in Neuroscience: Cellular and Molecular / PSM in Biotechnology
- BS in Neuroscience: Cellular and Molecular / PSM in Bioinformatics and Biological Data Science
- BS in Neuroscience: Cellular and Molecular / PSM in Bioinnovation
- BA in Physics / MS in Physics
- BS in Physics / MS in Physics

Accelerated Programs with the College of Education and Human Development

Temple’s College of Education and Human Development cooperates in providing an accelerated +1 undergraduate/graduate education leading to a Bachelor of Arts or Bachelor of Science degree in the College of Science and Technology as well as a Master of Education degree from the College of Education and Human Development. The Biology, Chemistry, Earth and Environmental Science, Mathematics, and Physics departments enable talented students to complete both a Bachelor’s degree in one of the above departments and a Master in Education degree in a total of five years. After completing the Bachelor’s degree in one of the aforementioned disciplines, students spend an additional year as a graduate student in the College of Education and Human Development.

Students must apply for the accelerated +1 Bachelor of Arts or Bachelor of Science / Master of Education program during their sophomore year. If accepted, they will take both undergraduate major courses as well as Master in Education courses beginning in their junior year. They typically complete their undergraduate major in their fourth year and their Master of Education degree in their fifth year. Students who complete this program earn a Master of Education degree and may apply for a Pennsylvania Instructional I Teaching Certificate after passing all required licensure examinations. See the Secondary Education/Science Education MEd for more details.

The specific accelerated +1 programs available between the College of Science and Technology and the College of Education and Human Development are:

- BA in Biology / MEd in Middle Grades Education with a Concentration in Science
- BA in Biology / MEd in Middle Grades Education with a Concentration in Science and Language Arts
- BS in Biology / MEd in Middle Grades Education with a Concentration in Science
- BS in Biology / MEd in Middle Grades Education with a Concentration in Mathematics and Science
- BA in Chemistry / MEd in Middle Grades Education with a Concentration in Science
- BA in Chemistry / MEd in Middle Grades Education with a Concentration in Science and Language Arts
- BS in Chemistry / MEd in Middle Grades Education with a Concentration in Science
- BS in Chemistry / MEd in Middle Grades Education with a Concentration in Mathematics and Science
- BA in Geology / MEd in Middle Grades Education with a Concentration in Science
- BA in Geology / MEd in Middle Grades Education with a Concentration in Science and Language Arts
- BS in Geology / MEd in Middle Grades Education with a Concentration in Science
- BS in Geology / MEd in Middle Grades Education with a Concentration in Mathematics and Science
- BA in Mathematics / MEd in Middle Grades Education with a Concentration in Mathematics
- BA in Mathematics / MEd in Middle Grades Education with a Concentration in Mathematics and Language Arts
- BS in Mathematics / MEd in Middle Grades Education with a Concentration in Mathematics
- BS in Mathematics / MEd in Middle Grades Education with a Concentration in Mathematics and Science
- BA in Natural Sciences / MEd in Middle Grades Education with a Concentration in Science
- BA in Natural Sciences / MEd in Middle Grades Education with a Concentration in Science and Language Arts
- BA in Physics / MEd in Middle Grades Education with a Concentration in Science
- BA in Physics / MEd in Middle Grades Education with a Concentration in Science and Language Arts
- BS in Physics / MEd in Middle Grades Education with a Concentration in Science
- BS in Physics / MEd in Middle Grades Education with a Concentration in Mathematics and Science
- BA in Mathematics / MEd in Secondary Education with a Concentration in Mathematics Education
- BS in Mathematics / MEd in Secondary Education with a Concentration in Mathematics Education

For more specific details on some of the agreements with Temple’s graduate and professional schools, see the following links. For a complete list, see the Accelerated Degree Programs section of the Undergraduate Bulletin.

Programs

- Biology BA/MEd
- Biology BS/MEd
• Chemistry BA/MEd
• Chemistry BS/MEd
• Chemistry BS/MS
• Computer Science, BS/MS
• Dental 3+4 Program
• Geology BA/MEd
• Geology BS/MEd
• Information Science and Technology BS/MS
• Mathematics BA/MEd
• Mathematics BA/MS
• Mathematics BS/MEd
• Mathematics BS/MS
• Medical 3+4 Program
• Pharmaceutical Sciences BS
• Pharmacy 3+4 Program
• Physical Therapy 3+3 Program
• Physics BA/MEd
• Physics BA/MS
• Physics BS/MEd
• Physics BS/MS
• Podiatry 3+4 Program