Professional Studies

Mission Statement
The School for Professional Studies offers academic and professional programs for working adults in Saint Louis University's Jesuit tradition of excellence. We strive to balance rigor, flexibility and innovation in all that we do. As an adult-centered program, SPS supports diversity, encourages the philosophy of lifelong learning and emphasizes:

- workplace application
- career enhancement
- personal growth
- ethical decision making
- leadership skills

Majors and Programs
B.A. in Criminal Justice Organization
B.A. in Education
  - Elementary (grades 1-6)
  - Middle School (grades 5-9)
  - Special (mild-moderate disabilities)
B.A. in Organizational Studies
B.S. in Computer Science Technology
  - Computer Science track
  - Information Systems track
  - Informatics track
B.S. in Health Information Management with a minor in Informatics
B.S. in Nursing (RN to BSN) – Available Online
B.S. in Social Work
Contract Degree Option
Teacher/Alternative Certification for Missouri

Minors and Certificates
Combine your degree with a minor/professional emphasis to give you a competitive edge and increase your marketability. If you are not degree-seeking, or if you have already obtained a bachelor’s degree, choose a certificate to gain a professional emphasis in a particular area of study.

Computer Science Technology
  - Computer Science track
  - Information Systems track
  - Informatics track
Contemporary Adult Spirituality – Available Online
Contract Management – Available Online
Criminal Justice Organization
Hospitality and Food Service Management
Industrial Psychology
Organizational Leadership
Real Estate and Community Development
Strategic Communications

Accelerated Bachelor’s to Master’s Options
Pathway to the MBA
Public Administration Bridge Program
RN to BSN to MSN Bridge Program – Available Online
Urban Planning & Real Estate Development Bridge Program

Campus Sites
St. Louis
School for Professional Studies Building
3545 Lindell Blvd.
St. Louis, MO 63103
Phone: 314.977.2330 or 800.734.6736
Fax: 314.977.2333

Note: 3545 Lindell is a temporary location until summer '08. Please refer to the website for latest information.

Belleville
St. Elizabeth’s Medical Arts Building
180 S. Third St., 4th Floor
Belleville, IL  62220
Phone: 618.239.9408
Fax: 618.239.9409

The Transfer Alliance Program (TAP) with Southwestern Illinois College
The Transfer Alliance Program (TAP) is a cooperative educational initiative between Saint Louis University School for Professional Studies and Southwestern Illinois College that allows you to simultaneously work on an associate’s degree and/or bachelor’s degree while attending SLU’s Belleville campus. For more information about TAP, go to www.slu.edu/x11313.xml.

BJC Healthcare Sites
BJC Center for Lifelong Learning
670 Mason Ridge Center Dr., Suite 310
St. Louis, MO  63141

Clayton Avenue Building
4353 Clayton Ave.
St. Louis, MO  63110

The Bachelor's Degree Bridge Series and the Pathway to College are two new programs formed in partnership with Saint Louis University and BJC Healthcare that allows BJC employees to obtain SLU college credits at either of BJC's on-site campuses--the Center for Lifelong Learning in West County and the Clayton Avenue Building. Advising and registration is available on site by appointment. More info at: www.slu.edu/slu-bjcpartnership.

Boeing-St. Louis Site
5890 N. Lindbergh Boulevard
Building 33, Room 595
Hazelwood, MO  63042
All on-ground classes in the contract management program are offered on the premises of Boeing-St. Louis. Classes at the Boeing site are held on weekday evenings and are available to both Boeing and non-Boeing employees. Advising and registration is available on site by appointment. More info at: www.slu.edu/x11296.xml.

Online/Hybrid Classes
Online and hybrid classes are available for all core courses and for certain programs, as well as select courses in the majors, minors and certificates. Hybrid classes combine online and on-ground class time. Look for courses marked online or hybrid.

Scholarships and Financial Aid
See page 48 for SPS Scholarship and Financial Aid information.

Application for Admission
See page 24 for admission requirements and application procedures.

Course Registration
Students may register by phone, fax, Banner Student Self Service, or in person after admission into the School for Professional Studies.
Banner Self-Service
Banner Self-Service is a web-based service that provides online access to the University’s general academic information and allows students to access their academic record, course descriptions, enrollment status and account balance. To access Banner Self-Service, log into mySLU and then click on the Tools tab. On the Tools page, click on the Banner Self-Service link.

Student E-Mail Account
Every registered student of the University is assigned a SLU e-mail account. Full-time students receive a SLU Google e-mail account, while part-time and student workers receive a SLU Webmail e-mail account. E-mail is the official communication tool utilized across campus to contact students; all SLU correspondences will be sent to students’ e-mail address. Students with a Google Account will receive 2GBs of server space, and a variety of applications to use with fellow students and Google members.

Withdrawal Policy
Students who want to withdraw from a class should do so in a timely manner. Students may withdraw from classes using Banner Student Self-Service prior to the start of the term. After that date, students should contact their advisor to be sure that all withdrawal procedures are followed. Withdrawals are not permitted after the sixth class meeting.

Drop from Enrollment for Non-Payment
Students who have unpaid balances or who have not made financial arrangements by the end of the first week of the term may have their registration cancelled for non-payment. A $50 late registration fee will be assessed upon re-enrollment.

Academic Status and Standing
1. Part-time: less than 12 credit hours per semester.
2. Full-time: 12 credit hours per semester.
3. Overload: 15 credit hours per semester, requires receipt of all official transcripts, approval of academic advisor and minimum overall GPA of 3.0.
4. Readmission: SLU students who have “stopped out” for longer than one calendar year will need to reapply for admission.
5. A cumulative GPA of 2.0 or better is required for graduation and to maintain satisfactory academic standing at Saint Louis University. The School for Professional Studies cumulative GPA includes all grades earned in course work taken at Saint Louis University.
6. At least the last 30 credit hours of a Professional Studies degree must be earned at Saint Louis University.
7. Students admitted to the School for Professional Studies with non-degree status are required to maintain a cumulative grade point average of 2.0 or better and meet course prerequisites. (This cumulative GPA requirement applies to all course work taken with this status.) A course taken under non-degree status does not necessarily transfer to meet requirements in degree programs.

NOTE: No course in any major, minor or certificate will be accepted toward graduation if the student receives a letter grade below “C.” Any student enrolled in the Computer Science Technology program who fails a course two times may be dismissed from the Computer Science Technology major, minor or certificate program.

Student Portfolios
As a means for assessing learning outcomes, certain programs in the School for Professional Studies require each student to complete a portfolio. This portfolio consists of a compilation of the student's work throughout the degree program. Key projects are completed in select courses and included in the portfolio. The portfolio is assembled, presented and evaluated in a one credit hour seminar that is taken prior to graduation. In the seminar course, the portfolio is evaluated by faculty according to established performance criteria.

The portfolio projects promote application of theory and research to solving practical professional problems. The process of compiling the portfolio allows students to reflect on their personal and professional development. In addition, the completed portfolio is a valuable tool for students to have when applying for jobs or graduate school.
Graduation

Application for Graduation
Students are required to submit an application for graduation to the School for Professional Studies office 10 courses prior to completing their degree. Upon receipt of the application, SPS will complete a graduation audit. The graduation audit confirms that a student meets the minimum overall GPA of 2.0, the minimum number of credit hours for the degree, specific course requirements of the degree, transfer courses are congruent with transfer policy, and that no one course is counted more than once. Official transcripts indicating degree conferment will be issued within approximately two weeks of the end of the term in which the student completed the degree.

Honors
Graduations with honors require a minimum of 54 credit hours earned at Saint Louis University. Awards are announced at the time of commencement as follows: Cum Laude for a GPA of 3.30 and above, Magna cum Laude for a GPA of 3.50 and above, and Summa cum Laude for a GPA of 3.80 and above.

Graduation Ceremony
Students may complete their degree at the end of any one of our five terms. Students can elect to participate in the University’s May Pre-Commencement and Commencement exercises depending on the term in which their degree is earned. Students who plan to complete their degree in the summer term may elect to participate in the May graduation ceremony provided they are within six credit hours of completing their degree.

Academic Recognition

Alpha Sigma Lambda
Alpha Sigma Lambda is a national honor society founded in 1945 to recognize the special achievements of adults who accomplish academic excellence while facing competing interests of home and work. Students who meet the following minimum criteria will be invited to participate in the ASL induction ceremony in the spring:
1. Members must be enrolled in a School for Professional Studies degree program and have a minimum of thirty graded credit hours at Saint Louis University.
2. At least 15 college credits must be in courses outside the student’s major.
3. Members must have attended Saint Louis University a minimum of four terms.
4. Those selected must have a minimum cumulative GPA of 3.2 on a 4.0 scale.

Dean’s List
Students may qualify for the Dean’s List each semester (fall or spring) if they meet the following criteria:
1. Students must earn a minimum GPA of 3.75 for the semester awarded.
2. Students must be enrolled full-time and must have completed a minimum of 12 SLU credit hours of graded course work (without I-Incomplete, P-Passing or W-Withdrawal) by the end of the SPS semester attended.
3. Only college-level, degree-applicable courses are included in the calculation of the grade point average and full-time status. Developmental courses numbered below one hundred are excluded.

Academic/Student Support

Parking
Parking is free at St. Elizabeth’s in Belleville and at the Boeing site. School for Professional Studies students who attend classes at our St. Louis campus need a parking permit. These students have two options: (1) purchase a coupon book from the parking attendant which allows ten visits to the parking deck or (2) purchase an SPS student semester pass for $120 good for two terms, or an academic year pass for $240.

Schedule
The School for Professional Studies follows an academic calendar of five eight- to nine-week terms with classes meeting primarily once per week. There are also three- and four-week intersessions available in summer and spring, which allow students to earn more credit hours or to take extended breaks during the summer months and in January.

Observed holidays include Labor Day, Thanksgiving and the following Friday, Christmas break through January 1, Dr. Martin Luther King Day, Holy Thursday, Good Friday, Memorial Day, and Independence Day. The eight- to nine-week terms do not observe the fall and spring breaks incorporated into the full semester academic calendar.
Textbooks
Textbooks for the St. Louis campus are sold at the Barnes and Noble Bookstore located on the St. Louis campus, 100 Busch Student Center, 314.531.7925. Textbooks can be reserved or mailed directly to students by UPS. Most charge cards are accepted. Textbooks for the Belleville campus and Boeing site are sold the first night of class at the site. Personal checks, money orders and charge cards are acceptable forms of payment. Students may also find used textbooks through the Online Textbook Trade program. Visit http://www.slu.edu/x16517.xml to view available titles.

General Studies Core Requirements (51 Credits)
The General Studies Core is a required component for most degrees in the School for Professional Studies. Exceptions include Education, Health Information Management and Social Work, which have preset cores.

Associate in Arts or Sciences to Bachelor’s Program
The Associate’s to Bachelor’s Program enables students to transfer most of the coursework taken at an accredited community college or junior college into a bachelor’s program at SPS. Provided that grades are “C” or better, a balanced AA or AS degree may be accepted in lieu of SPS’s core requirements with the exception of Philosophy and Theology, which must be completed in their entirety with six credit hours each.

A balanced AA or AS consists of at least one approved three-credit hour college level course from each of the core curriculum areas of the school. Applicants who meet this criteria may be admitted with junior status. Coursework taken at the two-year institution that may be applied toward a student’s intended major will be evaluated by the appropriate chair for transferable credit. The maximum number of hours accepted in transfer with an AA or AS degree, from all sources, is 64. This policy is not applicable to Education, Health Information Management, Social Work or other programs with preset cores.

Moral and ethical development - 12 credits
PHIL 105 Historical Introduction to Philosophy: Self and Reality 3
PHIL 205 Ethics 3
THEO 100 Theological Foundations 3
Any THEO 200 level or higher 3

Leadership and service - 12 credits
(Fulfill History requirement and three of the following based on requirements of your degree program)
SOC 110 Introduction to Sociology* 3
SOC 120 Introduction to Anthropology 3
POLS 110 American Politics 3
PST 190 Survey of Economics** 3
PSYK 101 General Psychology† 3
Any World or American History course 3

Inquiry - 12 credits
CST 295 Principles of Data Analysis 3
MATH 120 College Algebra 3
Any Physical or Natural Science 6

Communication and Technology - 15 credits
ENGL 190 Advanced Strategies/Rhetoric and Research 3
ENGL 400 Business and Professional Writing 3
CMMK 121 Public Speaking in Organizational Life 3
Any Literature course 3
Any Fine Arts course 3

Multicultural Studies
(One course in the core must meet the multicultural requirement. Students may choose from the options below or consult with their advisor.)
ENGL 327 The Harlem Renaissance 3
ENGL 333 Literature of the African Diaspora 3
HIST 382 Medieval Middle East 3
ED 456 Literacy Around the World 3
SOC 120 Introduction to Anthropology 3
Bachelor of Arts: Criminal Justice Organization

The Bachelor of Arts in Criminal Justice Organization is designed for career-oriented adults who want to learn how to become productive participants in highly effective criminal justice organizations and to become professionals capable of leading and managing change. The program is also designed for mid-career adults who want to learn more about organizations and the skills needed to become more effective members/participants of a criminal justice organization. This criminal justice degree program is for adult learners who want to advance their careers in criminal justice or enter/reenter the field. It prepares students for responsible administrative, supervisory, leadership and other professional criminal justice roles.

With a degree in Criminal Justice Organization, students will have the knowledge and skills they need to participate effectively in achieving the goals of the organization. The major examines the assumptions, theories and laws associated with the realities of the workplace and the criminal justice environment. Human behavior and social patterns are studied in relationship to their impact on the historical and emerging developments in comparative criminal justice systems.

The Criminal Justice Organization program consists of nine criminal justice courses that investigate major segments of the criminal justice field. Three courses in psychology and sociology explore the complex and dynamic interplay between human behavior and social constructs. The remaining courses focus on leadership and the use of research statistics and methodology to make better decisions.

As part of the CJO degree program, students will complete a professional portfolio as a means for assessing learning outcomes and enhancing personal and professional development.

**General Studies Core - 51 credits**

**Required Courses - 40 credits**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>CJST 300</td>
<td>Introduction to Criminal Justice</td>
<td>3</td>
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<tr>
<td>CJST 310</td>
<td>Constitutional Issues in the Criminal Process</td>
<td>3</td>
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<tr>
<td>CJST 350</td>
<td>Organizational Administration of Law Enforcement</td>
<td>3</td>
</tr>
<tr>
<td>CJST 355</td>
<td>Juvenile Justice System</td>
<td>3</td>
</tr>
<tr>
<td>CJST 375</td>
<td>Introduction to Corrections</td>
<td>3</td>
</tr>
<tr>
<td>CJST 380</td>
<td>Deviance and Social Control</td>
<td>3</td>
</tr>
<tr>
<td>CJST 465</td>
<td>Administration and Management of Criminal Justice Organizations</td>
<td>3</td>
</tr>
<tr>
<td>CJST 485</td>
<td>Criminal Justice Organization Portfolio Pro-Seminar</td>
<td>1</td>
</tr>
<tr>
<td>SOC 359</td>
<td>Law and Society</td>
<td>3</td>
</tr>
<tr>
<td>SOC 390</td>
<td>Theories of Crime</td>
<td>3</td>
</tr>
<tr>
<td>PSYK 334</td>
<td>Applied Social Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYK 414</td>
<td>Drugs and Behavior</td>
<td>3</td>
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<tr>
<td>PST 490</td>
<td>Social Science Research Methods</td>
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<tr>
<td>OSTD 410</td>
<td>Concepts and Theories of Leadership</td>
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**CJO Electives - 6 credits**

Minimum of two from the Contemporary Issues in Social Justice Course Series

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<th>Course Code</th>
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<tr>
<td>General Electives</td>
<td>24 credits</td>
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</table>
Bachelor of Arts:
Elementary Education (grades 1-6)

This innovative program meets all the requirements and has been approved by the Missouri Department of Elementary and Secondary Education (MODESE) and is Missouri's first undergraduate education certification program to be offered exclusively in a nine-week term, evening and weekend schedule. Successful completion of this degree results in recommendation for elementary education certification (grades 1-6) in Missouri.

Pre-Education Core - 46 credits
CMMK 121 Public Speaking in Organizational Life 3
ENGL 190 Advanced Strategies/Rhetoric and Research 3
HIST 352 Contemporary American, 1945-Present 3
MATH 120 College Algebra 3
MUSC 293 Biomusicology 3
PHIL 105 Historical Introduction to Philosophy: Self and Reality 3
PHIL 205 Ethics 3
POLS 110 American Politics 3
PST 190 Survey of Economics 3
SOC 120 Introduction to Anthropology 3
THEO 100 Theological Foundations 3
ED 150 Survey of Science and Geography 4
ED 220 Today’s Diverse Educational Environment: Trends and Issues 3
ED 320 Classroom Inclusion and Family Support 3
ED 460 Microcomputer Applications and Technology in Education 3

Professional Education Core - 43 credits
ARTH 100 Approaching the Arts: Art History 3
ED 120 Human Growth, Development, and Health 4
ED 140 Education of the Exceptional Individual 3
ED 210 Teaching and Learning: Trends and Issues 4
ED 340 Interactive Communication in the Learning Environment 3
ED 420 Assessment in the School Environment 4
ED 430 School Curriculum and Instruction 6
ED 433 Teaching Methods in the Fine Arts 2
ED 434 Teaching Methods in Physical Education 1
ED 450 Reading Methods I: Emphasis Primary Grades 3
ED 451 Reading Methods II: Diagnosis and Intervention 3
ED 452 Strategies in Literacy Instruction 6
ED 485 Education Portfolio Pro Seminar 1

Professional Practicum - 11 credits
ED 200 Candidate Experiences: Educational Observation 1
ED 300 Candidate Experiences: Service and Preparatory Teaching 2
ED 380 Candidate Experiences: Classroom Teaching 8

The Cognate - 6 credits
Choose one cognate from the following choices:

Reading/Literary
ED 456 Survey of Literacy Around the World 3
ED 458 Journey Into the Child’s World of Literacy 3

Special Education
ED 446 Adventures in Human Perception 3
ED 448 The Impact of Cinematography on Special Education 3

Science in the Community
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>BIOL 209</td>
<td>Ecology/Our Living Environment</td>
<td>3</td>
</tr>
<tr>
<td>ED 438</td>
<td>Community Based Science Adventures</td>
<td>3</td>
</tr>
<tr>
<td><strong>Computer Science and Technology</strong></td>
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<tr>
<td>CST 130</td>
<td>Information Systems &amp; Technology</td>
<td>3</td>
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<tr>
<td>CST 380</td>
<td>Technology Integration Field Experience in Elementary, Middle, and Secondary Schools</td>
<td>3</td>
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<tr>
<td><strong>Adventure Education</strong></td>
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<tr>
<td>ED 426</td>
<td>Classroom Without Borders I</td>
<td>3</td>
</tr>
<tr>
<td>ED 428</td>
<td>Classroom Without Borders II</td>
<td>3</td>
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<tr>
<td><strong>General Electives</strong></td>
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<tr>
<td><strong>Total</strong></td>
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<td>120</td>
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</tbody>
</table>

**Bachelor of Arts:**

**Middle School Education (grades 5-9)**

With options in Language Arts, Science and Social Science

This innovative program meets all the requirements and has been approved by the Missouri Department of Elementary and Secondary Education (MODESE) and is Missouri's first undergraduate education certification program to be offered exclusively in a nine-week term, evening and weekend schedule. Successful completion of this degree results in recommendation for middle school education certification (grades 5-9) in Missouri.

**Pre-Education Core - 46 credits**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>CMMK 121</td>
<td>Public Speaking in Organizational Life</td>
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</tr>
<tr>
<td>ENGL 190</td>
<td>Advanced Strategies/Rhetoric and Research</td>
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</tr>
<tr>
<td>HIST 352</td>
<td>Contemporary American, 1945-Present</td>
<td>3</td>
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<tr>
<td>MATH 120</td>
<td>College Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MUSC 293</td>
<td>Biomusicology</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 105</td>
<td>Historical Introduction to Philosophy: Self and Reality</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 205</td>
<td>Ethics</td>
<td>3</td>
</tr>
<tr>
<td>POLS 110</td>
<td>American Politics</td>
<td>3</td>
</tr>
<tr>
<td>PST 190</td>
<td>Survey of Economics</td>
<td>3</td>
</tr>
<tr>
<td>SOC 120</td>
<td>Introduction to Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>THEO 100</td>
<td>Theological Foundations</td>
<td>3</td>
</tr>
<tr>
<td>ED 150</td>
<td>Survey of Science and Geography</td>
<td>4</td>
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<tr>
<td>ED 220</td>
<td>Today's Diverse Educational Environment: Trends and Issues</td>
<td>3</td>
</tr>
<tr>
<td>ED 320</td>
<td>Classroom Inclusion and Family Support</td>
<td>3</td>
</tr>
<tr>
<td>ED 460</td>
<td>Microcomputer Applications and Technology in Education</td>
<td>3</td>
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**Professional Education Core**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ED 120</td>
<td>Human Growth, Development, and Health</td>
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</tr>
<tr>
<td>ED 140</td>
<td>Education of the Exceptional Individual</td>
<td>3</td>
</tr>
<tr>
<td>ED 210</td>
<td>Teaching and Learning: Trends and Issues</td>
<td>4</td>
</tr>
<tr>
<td>ED 340</td>
<td>Interactive Communication in the Learning Environment</td>
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</tr>
<tr>
<td>ED 420</td>
<td>Assessment in the School Environment</td>
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<tr>
<td>ED 430</td>
<td>School Curriculum and Instruction</td>
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<td>ED 452</td>
<td>Strategies in Literacy Instruction</td>
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<tr>
<td>ED 485</td>
<td>Education Portfolio Pro Seminar</td>
<td>1</td>
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</table>

*Choose Language Arts, Science or Social Science Option*

**Language Arts Option - 49 credits**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ENGL 202</td>
<td>Introduction to Literary Studies</td>
<td>3</td>
</tr>
</tbody>
</table>
ENGL 260  Introduction to Short Fiction 3
ENGL 327  The Harlem Renaissance 3
ENGL 328  American Literary Traditions: Beginnings to 1865 3
ENGL 340  Masterpieces: World Literature 3
ENGL 400  Business and Professional Writing 3

Science Option - 49 credits
BIOL 240  Human Biology and Disease 3
BIOL 236  Concepts in Biology: Plants and Animals 3
CHEM 100  Chemistry and the Environment 3
EAS 293  Earth and Space Science 3
PHYS 101  Physics and the World Around Us 3
ED 348  Fundamentals of Neurology and Learning 3

Social Science Option - 43 credits
HIST 111  Origins of the Modern World to 1600 3
HIST 112  Origins of the Modern World 1600 to Present 3
HIST 348  U.S. Civil War and Reconstruction 3
HIST 363  History of the St. Louis Region 3

Professional Practicum - 11 credits
ED 200  Candidate Experiences: Educational Observation 1
ED 300  Candidate Experiences: Service and Preparatory Teaching 2
ED 380  Candidate Experiences: Classroom Teaching 8

The Cognate - 6 credits
Choose one cognate from the following choices:
Reading/Literary
ED 456  Survey of Literacy Around the World 3
ED 458  Journey Into the Child’s World of Literacy 3
Special Education
ED 446  Adventures in Human Perception 3
ED 448  The Impact of Cinematography on Special Education 3
Science in the Community
BIOL 209  Ecology/Our Living Environment 3
ED 438  Community Based Science Adventures 3
Computer Science and Technology
CST 130  Information Systems & Technology 3
CST 380  Technology Integration Field Experience in Elementary, Middle, and Secondary Schools 3
Adventure Education
ED 426  Classroom Without Borders I 3
ED 428  Classroom Without Borders II 3

General Electives 8 credits (Language Arts/Science option)
14 credits (Social Science option)
Total 120 credits

Bachelor of Arts:
Special Education (grades K-12, mild-moderate disabilities)

This innovative program meets all the requirements and has been approved by the Missouri Department of Elementary and Secondary Education (MODESE) and is Missouri's first undergraduate education certification program to be offered exclusively in a nine-week term, evening and weekend schedule. Successful completion of this degree results in recommendation for special education certification (mild-moderate disabilities) in Missouri.
## Pre-Education Core - 47 credits

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>CMMK 121</td>
<td>Public Speaking in Organizational Life</td>
<td>3</td>
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<tr>
<td>ENGL 190</td>
<td>Advanced Strategies/Rhetoric and Research</td>
<td>3</td>
</tr>
<tr>
<td>HIST 352</td>
<td>Contemporary American, 1945-Present</td>
<td>3</td>
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<tr>
<td>MATH 120</td>
<td>College Algebra</td>
<td>3</td>
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<tr>
<td>MUSC 293</td>
<td>Biomusicology</td>
<td>3</td>
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<tr>
<td>PHIL 105</td>
<td>Historical Introduction to Philosophy: Self and Reality</td>
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<td>POLS 110</td>
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<td>PST 190</td>
<td>Survey of Economics</td>
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<tr>
<td>SOC 120</td>
<td>Introduction to Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>THEO 100</td>
<td>Theological Foundations</td>
<td>3</td>
</tr>
<tr>
<td>ED 150</td>
<td>Survey of Science and Geography</td>
<td>4</td>
</tr>
<tr>
<td>ED 220</td>
<td>Today's Diverse Educational Environment: Trends and Issues</td>
<td>3</td>
</tr>
<tr>
<td>ED 330</td>
<td>Special Education Counseling and Career Development</td>
<td>4</td>
</tr>
<tr>
<td>ED 460</td>
<td>Microcomputer Applications and Technology in Education</td>
<td>3</td>
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</table>

## Professional Education Core - 51 credits

<table>
<thead>
<tr>
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<th>Title</th>
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<tbody>
<tr>
<td>ED 120</td>
<td>Human Growth, Development, and Health</td>
<td>4</td>
</tr>
<tr>
<td>ED 140</td>
<td>Education of the Exceptional Individual</td>
<td>3</td>
</tr>
<tr>
<td>ED 210</td>
<td>Teaching and Learning: Trends and Issues</td>
<td>4</td>
</tr>
<tr>
<td>ED 340</td>
<td>Interactive Communication in the Learning Environment</td>
<td>3</td>
</tr>
<tr>
<td>ED 360</td>
<td>Disabilities Studies I</td>
<td>4</td>
</tr>
<tr>
<td>ED 364</td>
<td>Disabilities Studies II</td>
<td>2</td>
</tr>
<tr>
<td>ED 368</td>
<td>Disabilities Studies III</td>
<td>3</td>
</tr>
<tr>
<td>ED 420</td>
<td>Assessment in the School Environment</td>
<td>4</td>
</tr>
<tr>
<td>ED 430</td>
<td>School Curriculum and Instruction</td>
<td>6</td>
</tr>
<tr>
<td>ED 433</td>
<td>Teaching Methods in the Fine Arts</td>
<td>2</td>
</tr>
<tr>
<td>ED 434</td>
<td>Teaching Methods in Physical Education</td>
<td>1</td>
</tr>
<tr>
<td>ED 435</td>
<td>Remedial Mathematics Procedures</td>
<td>2</td>
</tr>
<tr>
<td>ED 450</td>
<td>Reading Methods I: Emphasis Primary Grades</td>
<td>3</td>
</tr>
<tr>
<td>ED 451</td>
<td>Reading Methods II: Diagnosis and Intervention</td>
<td>3</td>
</tr>
<tr>
<td>ED 452</td>
<td>Strategies in Literacy Instruction</td>
<td>6</td>
</tr>
<tr>
<td>ED 485</td>
<td>Education Portfolio Pro Seminar</td>
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</table>

## Professional Practicum - 11 credits

<table>
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<th>Credits</th>
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<tbody>
<tr>
<td>ED 200</td>
<td>Candidate Experiences: Educational Observation</td>
<td>1</td>
</tr>
<tr>
<td>ED 300</td>
<td>Candidate Experiences: Service and Preparatory Teaching</td>
<td>2</td>
</tr>
<tr>
<td>ED 380</td>
<td>Candidate Experiences: Classroom Teaching</td>
<td>8</td>
</tr>
</tbody>
</table>

## The Cognate - 6 credits

Choose one cognate from the following choices:

### Reading/Literary

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED 456</td>
<td>Survey of Literacy Around the World</td>
<td>3</td>
</tr>
<tr>
<td>ED 458</td>
<td>Journey Into the Child's World of Literacy</td>
<td>3</td>
</tr>
</tbody>
</table>

### Special Education

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED 446</td>
<td>Adventures in Human Perception</td>
<td>3</td>
</tr>
<tr>
<td>ED 448</td>
<td>The Impact of Cinematography on Special Education</td>
<td>3</td>
</tr>
</tbody>
</table>

### Science in the Community

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 209</td>
<td>Ecology/Our Living Environment</td>
<td>3</td>
</tr>
<tr>
<td>ED 438</td>
<td>Community Based Science Adventures</td>
<td>3</td>
</tr>
</tbody>
</table>

### Computer Science and Technology
Bachelor of Arts: 
Organizational Studies

The Organizational Studies major prepares career-minded students to assume professional roles in corporate or not-for-profit settings in the private or public sector. The degree program is particularly well suited for students interested in career advancement into administrative, supervisory, and leadership positions or for those considering a career change.

Organizational Studies is an interdisciplinary program in a growing field that examines work behavior at the individual, group and organizational levels. Students integrate knowledge of human relations with an understanding of the fundamental operations of a company. Specifically, students gain knowledge and skills in areas such as:

- oral and written communication
- critical thinking and problem-solving
- workplace diversity
- ethical decision-making
- interpersonal and group dynamics
- the legal environment of organizations
- integrated marketing
- economics and accounting
- leadership and human resource management
- organizational structure, culture and strategy

All of the courses in the OS program provide practical application to the workplace. Courses are taught by discipline-prepared faculty who are also working professionals. In the program, students complete course projects with for-profit and non-profit organizations and assemble those projects into a professional, electronic portfolio prior to graduation.

Students in the OS program also select a concentration from any of the SPS minors. While the OS major prepares students for a variety of positions in diverse organizational settings, the minor allows students to specialize in an area of professional interest.

General Studies Core - 57 credits

Major - 28 credits

<table>
<thead>
<tr>
<th>Course</th>
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<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>OSTD 300</td>
<td>Organizational Foundations*</td>
<td>3</td>
</tr>
<tr>
<td>OSTD 320</td>
<td>Interpersonal Relations in Organizations</td>
<td>3</td>
</tr>
<tr>
<td>OSTD 330</td>
<td>Team Dynamics</td>
<td>3</td>
</tr>
<tr>
<td>OSTD 410</td>
<td>Concepts and Theories of Leadership</td>
<td>3</td>
</tr>
<tr>
<td>OSTD 480</td>
<td>Organizational Theory and Practice*</td>
<td>3</td>
</tr>
<tr>
<td>OSTD 485</td>
<td>OS Portfolio Pro-Seminar</td>
<td>1</td>
</tr>
<tr>
<td>PST 310</td>
<td>Accounting Concepts for Professionals*</td>
<td>3</td>
</tr>
<tr>
<td>PST 320</td>
<td>Human Resources in Organizations*</td>
<td>3</td>
</tr>
<tr>
<td>PST 330</td>
<td>Legal Issues in Organizations</td>
<td>3</td>
</tr>
<tr>
<td>PST 340</td>
<td>Marketing Strategies for Organizations*</td>
<td>3</td>
</tr>
</tbody>
</table>
Minor - 18-24 credits
(Number of Credit Hours Depends on Minor)

General Electives - 12-24 credits
(Number of Credit Hours Depends on Minor)

Total 121 credits

NOTE: Due to Saint Louis University John Cook School of Business AACSB accreditation standards, SPS students may not apply more than 30 credit hours of business related courses toward their degree. Courses marked with an asterisk are included in that total.

Bachelor of Science:
Computer Science Technology

- Computer Science track
- Information Systems track
- Informatics track

The Computer Science Technology major is a professional program which allows students to specialize in one of three tracks: Computer Science, Information Systems and Informatics. The degree is designed to prepare career-minded working adults for advanced studies or employment in the challenging and ever-changing field of computer science.

The degree program develops the knowledge and skills required by the dynamic and diverse technology-based organizations of today. The curriculum in computer science, information systems and informatics is integrated with fundamental technology courses. Each degree plan blends theoretical concepts with practical lab work, providing graduates with skills well grounded in design and analysis as well as practical application and implementation.

In the Computer Science track, students will study computer hardware and software systems, programming methodology, programming languages, data structures, algorithms, discrete mathematical structures, paradigms for analyzing and reasoning about problems and the implementation of solutions. This course of study is designed for those seeking greater emphasis on programming and understanding how computer systems work.

In the Information Systems track, students will study how to apply their knowledge of hardware, software, business processes and procedures to help organizations improve performance and meet tactical and strategic goals. This course of study is designed for those seeking greater emphasis on studying the application of computers and related technologies to solve everyday organizational and industrial problems.

In the Informatics track, students will study the application of technology to understand and promote the organization through the representation, analysis, management, and use of information for decision-making processes. Informatics is the multidimensional use of technology to translate information into knowledge, assisting the decision maker across a variety of academic disciplines and professional fields. It incorporates the study of ways data is collected, organized, represented and managed. This course of study is designed for those seeking to integrate the human dimension of software analysis and design with the social and ethical aspects of data analysis to aid the organization in answering complex questions and business intelligence issues.

As part of the Computer Science Technology degree program, students will complete a professional portfolio as a means for assessing learning outcomes and enhancing personal and professional development.

General Studies Core - 57 credits

Foundation courses - 31 credits
- CST 140 Programming Logic & Design 3
- CST 160 Introduction to Programming 3
- CST 270 Discrete Methods & Models 3
- CST 295 Principles of Data Analysis 3
### CST 300 Principles of Software Engineering  
### CST 320 Principles of Event Driven Programming  
### CST 330 Concepts of Database Analysis & Design  
### CST 360 Networking & Telecommunications I  
### CST 370 Net Centric Computing  
### CST 405 Computer Science Technology Project Management  
### CST 485 CST Portfolio Pro-Seminar  

**Choose a track**  

**Computer Science track - 9 credits**  
- CST 130 Information Systems & Technology  
- CST 310 Principles of Object Oriented Programming  
- CST 401 Data Structures & Algorithms  

**Information Systems track - 9 credits**  
- CST 130 Information Systems & Technology  
- CST 410 Strategic Technology Planning  
- CST 460 Networking & Telecommunications II  

**Informatics track - 9 credits**  
- CST 135 Introduction to Informatics  
- CST 390 Information Organization & Representation  
- CST 465 Advanced Topics in Informatics  

**Electives - 6 credits**  
(Select 2 from the following)  
- CST 315 Social, Professional & Ethical Issues in Computing  
- CST 420 Client Server & System Software  
- CST 470 Advanced Database Analysis and Design  
- CST 472 Advanced Object Oriented Programming  

**General Electives - 18 Credits**  

**Total**  
121 Credits

---

**Bachelor of Science:**  
**Health Information Management with a minor in informatics**

The Health Information Management (HIM) major with an Informatics minor is offered through a partnership between Saint Louis University’s School for Professional Studies and the Doisy School of Allied Health. It’s designed to prepare career-minded working professionals for the dynamic and diverse field of health information management.

Information drives the healthcare industry. Whether searching medical databases for the latest treatment, assessing the quality of care provided, managing healthcare costs, or impacting legislative issues, the demand for accurate, timely and useful information has rapidly increased in recent years. As a vital part of the healthcare team, Health Information Management professionals are the recognized experts who secure, analyze, integrate and manage information. A career in health information management provides an opportunity for a challenging career blending the fields of medical science, business, legal and information technology.

A degree in Health Information Management provides diverse opportunities for its graduates. Career options include: Hospitals, Ambulatory Care Clinics, Physician Practices, Research, Information System Companies, Long-Term Care, Home Health Care, Governmental Agencies, Insurance Companies, Managed Care, Mental Health Facilities, Law Firms, Healthcare Consulting and Pharmaceutical Sales.

HIM is accredited by the Commission on Accreditation of Allied Health Programs in collaboration with the Council of Accreditation of the American Health Information Management Association. Graduates from the program are eligible to take the credentialing examination to become a Registered Health Information Management Administrator (RHIA). Successful passage of the exam allows the graduate to use the letters RHIA after their name. Credentialing provides both personal validation and validation to employers and consumers of professional competence. It also sets a person
apart from uncredentialed job candidates.

A student will need to apply and be admitted to the School for Professional Studies in accordance with SPS guidelines. They will then take both SPS core courses (45 credits) and CST-Informatics courses (24 credits). Once all SPS courses have been completed, the student will matriculate to the Doisy College of Health Sciences where they will take approximately 56 credits of HIM course work to complete their degree.

**General Studies Core Courses - 45 credits**
- CMMK 121 Public Speaking in Organizational Life 3
- ENGL 190 Advanced Strategies/Rhetoric and Research 3
- MATH 120 College Algebra 3
- PHIL 105 Historical Introduction to Philosophy: Self and Reality 3
- PHIL 205 Ethics 3
- PSYK 101 General Psychology 3
- THEO 100 Theological Foundations 3
- One Literature course 3
- One History course 3
- One Theology course 3
- One Fine Arts course 3
- One Science course 3
- Two Business Electives 6
- One Elective 3

**Health Information Management Courses - 54 credits**
- ANAT 100 Basic Human Anatomy 3
- PPY 254 Human Physiology 4
- AHP 450 Issues in Health Care Delivery 2
- HIM 250 Professional Development 3
- HIM 300 Intro to Health Information 3
- HIM 310 Medico-Legal Aspects 3
- HIM 320 Health Data Management 3
- HIM 330 Classification Systems I 3
- HIM 350 Health Care Management 3
- HIM 370 Medical Terminology 3
- HIM 415 Quality Improvement 3
- HIM 420 Research Methods in HIM 3
- HIM 430 Classification Systems II 3
- HIM 450 Management Of Human Resources 3
- HIM 451 Healthcare Financial Management 3
- HIM 453 Professional Practice 3
- HIM 470 Fundamentals of Clinical Medicine 3
- HIM 498 Senior Seminar 3

**Informatics Courses - 24 credits**
- CST 135 Introduction to Informatics 3
- CST 140 Programming Logic and Design 3
- CST 295 Principles of Data Analysis 3
- CST 320 Principles of Event Driven Programming 3
- CST 330 Concepts of Database Analysis and Design 3
- CST 370 Net Centric Computing 3
- CST 390 Information Organization and Representation 3
- CST 465 Advanced Topics in Informatics 3

Total 123 credits

**Bachelor of Science:**
Nursing: RN to BSN
(Available Online)

The RN to BSN Program in Nursing is designed to meet the needs of RNs who wish to complete the bachelor of science degree.

Unique features of this program include:

- No required testing to validate previous nursing education.
- Direct transfer of previous nursing education credit hours. Up to 38 credit hours of qualified diploma or associate degree nursing courses may be awarded and applied towards the 60 nursing credit hours required for the BSN.
- Easy transfer of previous college-level general education credit hours. Up to 64 credit hours may be awarded and applied toward the bachelor’s degree.
- No more than two clinical nursing courses required. Number of required clinical hours are determined on an individual basis through evaluation of previous nursing experience. Up to ten hours may be awarded through portfolio review for experienced nurses.

The Online RN to BSN Program in Nursing offers the flexibility that most working RNs require.

Pre-Nursing Core - 54 credits
ANAT 100  Basic Human Anatomy 3
BIOL 293  Introduction to Microbiology 3
CHEM 153  Principles of Chemistry I 4
CST 295  Principles of Data Analysis 3
ED 120  Human Growth, Development and Health 4
ENGL 190  Advanced Strat. of Rhetoric & Research 3
PHIL 105  Intro to Philosophy 3
PHIL 205  Ethics 3
PHIL 336  Medical Ethics 3
PPY 254  Human Physiology 3
PSYK 101  General Psychology 3
THEO 100  Theological Foundations 3
Any ENGL 200 or higher 3
Any Fine Arts course 3
Any History course 3
Any Sociology course 3
Any THEO 200 or higher 3

Nursing Major Courses - 8 credits
NURS 380  Conceptual Framework for Practice 3
NURS 432  Public Health Nursing 4
NURS 492  Community Health Project 1

Credit by Examination - 5 credits
Health Assessment 2
Nutrition 3

Credit by Portfolio - 6 credits
NURS 456  Leadership and Management 2
NURS 480  Comprehensive Nursing 4

Credit by Articulation - 38 credits

Total Nursing Major Hours - 57 credits

Electives - 15 credits
Any NURS 400 or higher 6
General Education OR Nursing 9
Contract Degree Option

This option is for the benefit of the student who wishes to develop an academic program which is unique and interdisciplinary in nature. Based on the student's educational and career goals, this option allows the student to create a program that is personalized and otherwise not available to them at SLU.

Under this option, a student will work with an academic and faculty advisor to organize a coherent plan for a Bachelor degree. A faculty advisory committee will monitor the student's progress.

Students should have a cumulative grade point average of 2.7 for acceptance into the program which then must be maintained throughout their course of study.

Students must complete at least 30 hours of course work within the contract degree option. A contract proposal that includes a detailed term-by-term degree plan must be approved by the applicable chair and the Director of SPS.

Missouri Teacher Certification Programs

Saint Louis University School for Professional Studies can provide you with options to obtain Missouri teacher certification, preparing you for a rewarding career helping to educate our future generations. As a graduate of our Teacher Certification Programs, you'll have the opportunity to make a difference in the lives of children.

If you have a bachelor's degree, but not a full time teaching contract from a Missouri public school or an accredited non-public school, you can pursue the Teacher Certification option to become eligible for Missouri teacher certification. Teacher Certification Programs include Elementary Education (grades 1-6), Middle School Education (grades 5-9) and Special Education (mild-moderate disabilities).

If you have a bachelor's degree and a full time teaching contract from a Missouri public school or an accredited non-public school, you can pursue the Alternative Certification option to become eligible for Missouri teacher certification. The full time teaching contract must be in the certification area you wish to pursue. Alternative Teacher Certification Programs include Elementary Education (grades 1-6), Middle School Education (grades 5-9), Secondary Education (grades 9-12) and Special Education (mild-moderate disabilities).

Teacher Certification: Elementary Education (Grades 1-6)

Students seeking this option can complete their Missouri teacher certification with 78 credit hours or less depending on transfer credits and prerequisites needed. An individual plan will be created for each student upon admission into the program.

**Foundations for Teaching - 24 credits**

<table>
<thead>
<tr>
<th>Course Code</th>
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<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED 120</td>
<td>Human Growth, Development, and Health</td>
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<td>ED 210</td>
<td>Teaching and Learning: Trends and Issues</td>
<td>4</td>
</tr>
<tr>
<td>ED 220</td>
<td>Today's Diverse Educational Environment: Trends and Issues</td>
<td>3</td>
</tr>
<tr>
<td>ED 320</td>
<td>Classroom Inclusion and Family Support</td>
<td>3</td>
</tr>
<tr>
<td>ED 340</td>
<td>Interactive Communication in the Learning Environment</td>
<td>3</td>
</tr>
<tr>
<td>ED 420</td>
<td>Assessment in the School Environment</td>
<td>4</td>
</tr>
</tbody>
</table>
Teaching Methods - 24 credits
ED 430  School Curriculum and Instruction  6
ED 433  Teaching Methods in the Fine Arts  2
ED 434  Teaching Methods in Physical Education  1
ED 450  Reading Methods I: Emphasis Primary Grades  3
ED 451  Reading Methods II: Diagnosis and Intervention  3
ED 452  Strategies in Literacy Instruction  6
ED 460  Microcomputer Applications and Technology in Education  3

Elementary School Courses - 18 credits
MATH 120  College Algebra  3
PST 190  Survey of Economics  3
Fine Arts course  3
Geography course  1
Language Arts course  3
Language Arts course  3
Math elective  2

Clinical experiences - 11 credits
ED 200  Candidate Experiences: Educational Observation  1
ED 300  Candidate Experiences: Service and Preparatory Teaching  2
ED 380  Candidate Experiences: Classroom Teaching  8

Education Portfolio - 1 credit
ED 485  Education Portfolio Pro Seminar  1

Total 78 credits

Teacher Certification: Middle School Education (Grades 5-9)

Students seeking this option can complete their Missouri teacher certification with 72 credit hours or less depending on transfer credits and prerequisites needed. An individual plan will be created for each student upon admission into the program. Options of emphasis include Language Arts, Science and Social Science.

Foundations for Teaching - 24 credits
ED 120  Human Growth, Development, and Health  4
ED 140  Education of the Exceptional Individual  3
ED 210  Teaching and Learning: Trends and Issues  4
ED 220  Today’s Diverse Educational Environment: Trends and Issues  3
ED 320  Classroom Inclusion and Family Support  3
ED 340  Interactive Communication in the Learning Environment  3
ED 420  Assessment in the School Environment  4

Teaching Methods - 15 credits
ED 430  School Curriculum and Instruction  6
ED 452  Strategies in Literacy Instruction  6
ED 460  Microcomputer Applications and Technology in Education  3

Subject Area Requirements
(Choose Language Arts, Science or Social Science Option)

Language Arts Option - 21 credits
ENGL 190  Advanced Strategies/Rhetoric & Research  3
ENGL 400  Business and Professional Writing 3
World Literature course 3
American Literature course 3
Literature course (other than World or American Lit) 3
Literature or Writing course (preferred) 3
Literature or Writing course (preferred) 3

**Science Option - 21 credits**
Chemistry course 3
Physics course 3
Space/Astronomy course 3
Biology: Plants course 3
Biology: Animals course 3
Biology: Humans course 3
Other Science course (other than Biology) 3

**Social Science Option - 21 credits**
POLS 110  American Politics 3
PST 190  Survey of Economics 3
SOC 120  Introduction to Anthropology 3
American History course 3
World History course 3
History course (preferred; other than American or World) 3
History course (preferred; other than American or World) 3

**Clinical experiences - 11 credits**
ED 200  Candidate Experiences: Educational Observation 1
ED 300  Candidate Experiences: Service and Preparatory Teaching 2
ED 380  Candidate Experiences: Classroom Teaching 8

**Education Portfolio - 1 credit**
ED 485  Education Portfolio Pro Seminar 1

**Total 72 credits**

**Teacher Certification: Special Education (Grades K-12, Mild-Moderate Disabilities)**

Students seeking this option can complete their Missouri teacher certification with 72 credit hours or less depending on transfer credits and prerequisites needed. An individual plan will be created for each student upon admission into the program.

**Foundations for Teaching - 26 credits**
ED 120  Human Growth, Development, and Health 4
ED 140  Education of the Exceptional Individual 3
ED 210  Teaching and Learning: Trends and Issues 4
ED 220  Today’s Diverse Educational Environment: Trends and Issues 3
ED 330  Special Education Counseling and Career Development 4
ED 360  Disabilities Studies I 4
ED 420  Assessment in the School Environment 4

**Teaching Methods - 34 credits**
ED 340  Interactive Communication in the Learning Environment 3
ED 364  Disabilities Studies II 2
ED 368 Disabilities Studies III 3
ED 430 School Curriculum and Instruction 6
ED 433 Teaching Methods in the Fine Arts 2
ED 434 Teaching Methods in Physical Education 1
ED 435 Remedial Mathematics Procedures 2
ED 450 Reading Methods I: Emphasis Primary Grades 3
ED 451 Reading Methods II: Diagnosis and Intervention 3
ED 452 Strategies in Literacy Instruction 6
ED 460 Microcomputer Applications and Technology in Education 3

Clinical Experiences - 11 credits
ED 200 Candidate Experiences: Educational Observation 1
ED 300 Candidate Experiences: Service and Preparatory Teaching 2
ED 380 Candidate Experiences: Classroom Teaching 8

Education Portfolio - 1 credit
ED 485 Education Portfolio Pro Seminar 1

Total 72 credits

Alternative Certification: Elementary Education (Grades 1-6)

Students seeking this option can complete their Missouri teacher certification with 39 credit hours or less depending on transfer credits and prerequisites needed. An individual plan will be created for each student upon admission into the program.

Level I Courses - 15 credits
ED 120 Human Growth, Development, and Health 4
ED 140 Education of the Exceptional Individual 3
ED 210 Teaching and Learning: Trends and Issues 4
ED 410 Principles of Education: Inclusion, Diversity, Behavior Management and Technology 4

Level II Courses - 20 credits
ED 420 Assessment on the School Environment 4
ED 430 School Curriculum and Instruction 6
ED 432 Aesthetic and Physical Education 1
ED 451 Reading Methods II: Diagnosis and Intervention 3
ED 452 Strategies in Literacy Instruction 6

Professional Practicum - 4 credits
ED 401 Professional Internship 1
ED 402 Professional Internship 1
ED 403 Professional Internship 1
ED 404 Professional Internship 1

Total 39 Credits

Alternative Certification: Middle School and Secondary Education

Students seeking this option can complete their Missouri teacher certification with 32 credit hours or less depending on transfer credits and prerequisites needed. An individual plan will be created for each student upon admission into the program.

Level I Courses - 15 credits
ED 120 Human Growth, Development, and Health 4
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED 140</td>
<td>Education of the Exceptional Individual</td>
<td>3</td>
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<tr>
<td>ED 210</td>
<td>Teaching and Learning: Trends and Issues</td>
<td>4</td>
</tr>
<tr>
<td>ED 410</td>
<td>Principles of Education: Inclusion, Diversity, Behavior Management and Technology</td>
<td>4</td>
</tr>
</tbody>
</table>

**Level II Courses - 13 credits**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED 420</td>
<td>Assessment in the School Environment</td>
<td>4</td>
</tr>
<tr>
<td>ED 430</td>
<td>School Curriculum and Instruction</td>
<td>6</td>
</tr>
<tr>
<td>ED 453</td>
<td>Literacy in the Content Fields</td>
<td>3</td>
</tr>
</tbody>
</table>

**Professional Practicum - 4 credits**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED 401</td>
<td>Professional Internship</td>
<td>1</td>
</tr>
<tr>
<td>ED 402</td>
<td>Professional Internship</td>
<td>1</td>
</tr>
<tr>
<td>ED 403</td>
<td>Professional Internship</td>
<td>1</td>
</tr>
<tr>
<td>ED 404</td>
<td>Professional Internship</td>
<td>1</td>
</tr>
</tbody>
</table>

**Total** 32 Credits

**Alternative Certification: Special Education (Grades K-12, Mild-Moderate Disabilities)**

Students seeking this option can complete their Missouri teacher certification with 37 credit hours or less depending on transfer credits and prerequisites needed. An individual plan will be created for each student upon admission into the program.

**Level I Courses - 15 credits**

<table>
<thead>
<tr>
<th>Course Code</th>
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<tbody>
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<td>ED 120</td>
<td>Human Growth, Development, and Health</td>
<td>4</td>
</tr>
<tr>
<td>ED 140</td>
<td>Education of the Exceptional Individual</td>
<td>3</td>
</tr>
<tr>
<td>ED 210</td>
<td>Teaching and Learning: Trends and Issues</td>
<td>4</td>
</tr>
<tr>
<td>ED 360</td>
<td>Disabilities Studies I</td>
<td>4</td>
</tr>
</tbody>
</table>

**Level II Courses - 18 credits**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ED 340</td>
<td>Interactive Communication in the Learning Environment</td>
<td>3</td>
</tr>
<tr>
<td>ED 364</td>
<td>Disabilities Studies II</td>
<td>2</td>
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<tr>
<td>ED 368</td>
<td>Disabilities Studies III</td>
<td>3</td>
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<tr>
<td>ED 420</td>
<td>Assessment in the School Environment</td>
<td>4</td>
</tr>
<tr>
<td>ED 451</td>
<td>Reading Methods II: Diagnosis and Intervention</td>
<td>3</td>
</tr>
<tr>
<td>ED 460</td>
<td>Microcomputer Applications and Technology in Education</td>
<td>3</td>
</tr>
</tbody>
</table>

**Professional Practicum - 4 credits**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED 401</td>
<td>Professional Internship</td>
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<tr>
<td>ED 402</td>
<td>Professional Internship</td>
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<tr>
<td>ED 403</td>
<td>Professional Internship</td>
<td>1</td>
</tr>
<tr>
<td>ED 404</td>
<td>Professional Internship</td>
<td>1</td>
</tr>
</tbody>
</table>

**Total** 37 Credits

**Minors and Certificates**

**Computer Science Technology Minor and Certificate**

The Computer Science Technology minor and certificate is a professional program that allows students to specialize in one of three tracks: Computer Science, Information Systems and Informatics. Students may choose this 24-credit
hour program as a minor combined with a major in pursuit of a bachelor’s degree, or as a stand-alone certificate. It is designed to prepare career-minded working adults for the challenging and ever-changing field of computer information technology required by government, business and industry. The program develops the knowledge and skills required by the dynamic and diverse technology-based organizations of today.

**Computer Science Track**
The Computer Science track provides a background in programming logic, object oriented programming, software engineering, database management and networking fundamentals. This track is designed for those seeking greater emphasis on programming and understanding how computer systems work.

**Foundation Courses - 18 credits**
- CST 130 Information Systems and Technology 3
- CST 140 Programming Logic and Design 3
- CST 160 Introduction to Programming 3
- CST 270 Discrete Methods and Models 3
- CST 300 Principles of Software Engineering 3
- CST 330 Concepts of Database Analysis and Design 3

**Electives - 6 credits**
Take any two 200-, 300- or 400-level CST courses 6

**Total 24 credits**

**Information Systems Track**
The Information Systems track provides a background of the information technology industry, object oriented programming, database management and networking fundamentals. This track is designed for those seeking greater emphasis on studying the application of computers and related technologies to solve everyday organizational and industrial problems.

**Foundation Courses - 18 credits**
- CST 130 Information Systems and Technology 3
- CST 140 Programming Logic and Design 3
- CST 160 Introduction to Programming 3
- CST 270 Discrete Methods and Models 3
- CST 320 Principles of Event Driven Programming 3
- CST 330 Concepts of Database Analysis and Design 3

**Electives - 6 credits**
Take any two 200-, 300- or 400-level CST courses 6

**Total 24 credits**

**Informatics Track**
The Informatics track provides a background of the Informatics industry, object oriented programming, database management and networking fundamentals. This track is designed for those seeking to integrate the human dimension of software analysis and design with the social and ethical aspects of data analysis to aid the organization in answering complex questions and business intelligence issues.

**Required Courses**
- CST 135 Introduction to Informatics 3
- CST 140 Programming Logic and Design 3
- CST 295 Principles of Data Analysis 3
- CST 320 Principles of Event Driven Programming 3
- CST 330 Concepts of Database Analysis and Design 3
- CST 370 Net Centric Computing 3
- CST 390 Information Organization and Representation 3
- CST 465 Advanced Topics in Informatics 3

**Total 24 credits**
Contemporary Adult Spirituality
Minor and Certificate (Available Online)

The Contemporary Adult Spirituality minor and certificate program is designed to prepare the individual for a lifetime of discernment that leads to a greater understanding and knowledge of work or calling in life. The series of courses provides opportunities to reflect and internalize the spiritual dimension of life experiences in every aspect of work, family, community and contemporary society.

According to individual needs, students will also acquire the ability and skills to interact with individuals and groups in diverse settings and apply the principles of social justice and ethics in leadership roles and in relationships throughout their personal lives and professional careers.

This program is available in both an online and on-ground format. Students may choose this 16-credit hour program as a minor combined with a major in pursuit of a bachelor’s degree, or as a stand-alone certificate. The certificate can be earned for credit or for non-credit.

Required Courses
THEO 100 Theological Foundations 3
THEO 360 Spirituality: Work and Vocation 3
THEO 360 Women, Religion and Spirituality 3
THEO 460 Spirituality, Peace and Justice 3
THEO 460 Spirituality: Ethics and Leadership 3
THEO 462 Contemporary Adult Spirituality Annual Conference 1

Total 16 credits

Contract Management
Minor and Certificate (Available Online)

This program is offered through Saint Louis University School for Professional Studies (SPS) in partnership with The Boeing Company and is available in an online and on-ground format to both Boeing employees and non-Boeing employees. It can be taken as a minor combined with a major in pursuit of a bachelor's degree, or as a stand-alone certificate. The program is designed to provide professional education in the field of contract management and administration. With a minor or certificate in contract management, you will gain knowledge and skills in procuring, negotiating, and administering contracts with suppliers, distributors, and end-product users. You will also become proficient at developing financially and legally sound contracts as applicable to a variety of industries in domestic and foreign markets.

This program has been awarded Joint Certificate of Completion status by the National Contract Management Association (NCMA). NCMA will accept the certificate of completion as part of its continuing education requirements toward eligibility for the certification program requirements. Successful completion of the exams, combined with the eligibility requirements, is necessary to earn NCMA certification (CFCM, CCCM, and CPCM). These contract management certifications are held in the highest regard within the contracting industry, both in the government and commercial arenas. Learn more about the eligibility requirements and the benefits of becoming a certified contract manager at www.ncmahq.org/certification.

Required courses - 15 credits
CTM 300 Basic Principles of Contract Management 3
CTM 325 Contract Formation and Performance 3
CTM 335 Accounting Concepts for Contract Managers 3
CTM 415 Proposal Preparation, Acquisition, and Negotiation 3
CTM 425 Contracting in the Global Marketplace 3

One Elective Required from the Following Courses - 3 credits
To fulfill the continuing education requirements toward eligibility for NCMA certification, select two electives (6 credits)

CTM 345  Introduction and Overview of Project Strategy  3
CTM 355  Supplier Relations  3
CTM 400  Intellectual Property Protection: Foreign and Domestic  3

Total 18 credits
Total for NCMA 21 credits

Criminal Justice Organization

Minor and Certificate

The Criminal Justice Organization minor and certificate complements your major field of study by preparing you for leadership and management positions within any organization that has a need to minimize risks associated with criminal or terroristic activities. Students may choose this 18-credit hour program as a minor combined with a major in pursuit of a bachelor's degree, or as a stand-alone certificate.

This professional program exposes you to the basic elements of criminal law and behavior and helps you obtain a deeper understanding of human behavior as it relates to group and personal choices.

Graduates will have the knowledge and skills needed to advance their career and pursue numerous jobs, such as: federal agent, law enforcement supervisor, paralegal, corporate security executive, forensic accountant, courts administrator, and social welfare/services agency manager.

Required Courses

CJST 300 Introduction to Criminal Justice  3
CJST 310 Constitutional Issues in the Criminal Process  3
CJST 350 Organizational Administration of Law Enforcement  3
CJST 380 Deviance and Social Control  3
SOC 359 Law and Society  3

Take one of the following:
CJST 355 Juvenile Justice System  3
CJST 375 Introduction to Corrections  3

Total 18 credits

Hospitality and Food Service Management

Minor and Certificate

The Hospitality and Food Service Management minor and certificate complements your major field of study by preparing you for a career within the growing hospitality and food service industry. Students may choose this 21-credit hour program as a minor combined with a major in pursuit of a bachelor's degree, or as a stand-alone certificate.

This program provides a solid foundation in hospitality management theory and practice and encourages you to apply these concepts to the hospitality context of your choice. It also provides advanced exposure to key topics such as catering and events management, food and beverage management, service management, loss prevention, and applications of technology.

Graduates will have the knowledge and skills needed for leadership roles in hotel/motel management, gaming management, and food service management for restaurants, institutions, and special events.

Required Courses

HMGT 300  Introduction to Management in the Hospitality Industry  3
HMGT 311 Food and Beverage Management 3
HMGT 320 Catering and Events Management 3
HMGT 340 Service Management 3
HMGT 360 Technology in the Hospitality Industry 3
HMGT 420 Loss Prevention 3
HMGT 497 Hospitality Industry Practicum 3

Total 21 credits

**Industrial Psychology**
**Minor and Certificate**

The Industrial Psychology minor and certificate is designed for students who want to learn more about the application of psychology to the workplace. Specifically, students will gain a deeper understanding of the behavior of individuals and groups within a variety of organizational contexts. Students may choose this 24-credit hour program as a minor in psychology combined with a major in pursuit of a bachelor’s degree, or as a stand-alone certificate.

Courses are interactive and include content and projects that are directly applicable to the student's personal and professional life. Advanced courses focus on research and practice in the areas of workplace health and stress management, motivation, employee training and development, and career development.

This program prepares career minded adults for leadership, organizational development, training, and human resources positions. Those interested in a certificate course in psychology with an emphasis on psychology in the workplace should find this program beneficial.

**Required Courses**
CST 295 Principles of Data Analysis* 3
PSYK 101 General Psychology* 3
PSYK 333 Applied Personality 3
PSYK 334 Applied Social Psychology 3
PSYK 425 Motivation and Self-Management 3
PSYK 445 Personal and Career Development 3
PSYK 476 Training and Development 3
PSYK 477 Occupational Health and Stress 3

Total 24 credits
*These courses are taken in the General Studies Core.

**Organizational Leadership**
**Minor and Certificate**

The Organizational Leadership minor and certificate complements your major field of study by developing the knowledge, skills, and experience needed to assume leadership and administrative roles in corporate or not-for-profit settings. Students may choose this 21-credit hour program as a minor combined with a major in pursuit of a bachelor’s degree, or as a stand-alone certificate.

This professional program will allow you to become proficient at workplace communication, developing interpersonal and team relationships, flexing leadership styles, and overseeing organizational functions. According to individual needs, students also acquire knowledge and skills in the areas of human resources, marketing, advertising, accounting, legal issues, public relations and/or industrial psychology.

Graduates will have the knowledge and skills needed to advance their career and pursue numerous job titles such as: project/team leader, supervisor, department director, corporate trainer, events
coordinator, and human resources administrator.

**Required Courses**

- CMMK 325 Communication Across Professional Settings 3
- OSTD 320 Interpersonal Relations in Organizations 3
- OSTD 330 Team Dynamics 3
- OSTD 410 Concepts and Theories of Leadership 3
- OSTD 480 Organizational Theory and Practice 3

**Minimum of two from the following courses (6 credits)**

- CMMK 415 Public Relations Principles and Practices 3
- CMMK 427 Advertising Principles and Practices 3
- PST 310 Accounting Concepts for Professionals 3
- PST 320 Human Resources in Organizations 3
- PST 330 Legal Issues in Organizations 3
- PST 340 Marketing Strategies for Organizations 3
- PSYK 425 Motivation and Self-Management 3
- PSYK 445 Personal and Career Development 3
- PSYK 476 Training and Development 3
- PSYK 477 Occupational Health and Stress 3

**Total 21 credits**

*Due to Saint Louis University School of Business AACSB accreditation standards, School for Professional Studies students may not apply more than 30 credit hours of "business related" courses toward their degree.*

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**Real Estate and Community Development**

**Minor and Certificate**

The Real Estate and Community Development minor and certificate provides a basic understanding of financial concepts, land use laws, and the language of real estate transactions that are important to both public sector and private sector professionals. Students may choose this 18-credit hour program as a minor in real estate combined with a major in pursuit of a bachelor's degree, or as a stand-alone real estate certificate.

The program provides solid real estate development training. From the first course, students are introduced to the roles in a real estate transaction, including appraisers, brokers, city officials, contractors, investors, developers, urban planners, lawyers and lenders.

With a minor or certificate in Real Estate and Community Development, students will gain the knowledge, skills and perspective needed to effectively manage the issues of suburban sprawl, new urbanism and concern for smart growth. Students will also reflect on the growing importance of real estate practitioners' ability to manage financial, legal and design issues.

**Required Courses**

- RECD 300 Real Estate Roles and the Public Sector 3
- RECD 400 Real Estate Law 3
- RECD 415 Real Estate Finance 3
- RECD 420 Real Estate Appraisal, Market Research and Feasibility 3
- RECD 435 Introduction to GIS 3
- RECD 487 Real Estate Capstone 3

**Total 18 credits**

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**Strategic Communications**

**Minor and Certificate**
The Strategic Communications minor and certificate program is designed for working professionals who want to learn how to use communication strategies and tactics effectively in organizations.

Through project-based learning, students will develop basic interpersonal and public speaking skills, while also learning how to influence others both inside and outside the organization through professional presentations, public relations and advertising. Students will also learn about the ethics of different communication and persuasion practices and the role that culture plays in the communication process.

This program is especially relevant for those individuals seeking careers in marketing, public relations and other communication departments within organizations.

Students may choose this 24-credit hour program as a minor in communications combined with a major in pursuit of a bachelor's degree, or as a stand-alone business communications certificate. All courses taken in the certificate program will apply toward a bachelor's degree.

Required Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMMK 121</td>
<td>Public Speaking in Organizational Life*</td>
<td>3</td>
</tr>
<tr>
<td>CMMK 201</td>
<td>Principles of Effective Communication</td>
<td>3</td>
</tr>
<tr>
<td>CMMK 325</td>
<td>Communication Across Professional Settings</td>
<td>3</td>
</tr>
<tr>
<td>CMMK 350</td>
<td>Ethics in Professional Communication</td>
<td>3</td>
</tr>
<tr>
<td>CMMK 365</td>
<td>Professional Communication Between Cultures</td>
<td>3</td>
</tr>
<tr>
<td>CMMK 415</td>
<td>Public Relations Principles and Practices</td>
<td>3</td>
</tr>
<tr>
<td>CMMK 427</td>
<td>Advertising Principles and Practices</td>
<td>3</td>
</tr>
<tr>
<td>CMMK 450</td>
<td>Persuasion in Professional Communication</td>
<td>3</td>
</tr>
</tbody>
</table>

Total 24 credits

*This course is taken in the General Studies Core.

Accelerated Bachelor's to Master's Options

Pathway to the MBA

After completing your bachelor's degree with SPS, you could be only 11 courses away from your SLU MBA! The Pathway to the MBA is a series of courses that helps prepare you for an MBA. It's not a major, minor or certificate and can be taken with any SPS major as you pursue your bachelor's degree.

If qualified, you will take four courses (12 credits) through SPS as part of the Pathway to the MBA. You will then need to apply and be accepted into the MBA program and complete the 11 courses (33 credits) remaining, instead of 15 (45 credits), for your SLU MBA. This accelerated option can save you both time and money.

- Students must apply and be accepted into both the School for Professional Studies and the part-time, evening MBA program through the John Cook School of Business.
- Once admitted to SPS, students must maintain a minimum GPA of 3.0 in the major, minor and MBA coursework in order to register for the graduate-level courses. No course is accepted toward the MBA if the student receives a letter grade below "B".
- During their senior year at SPS, students will take the GMAT and apply for admission to the part-time, evening MBA program.
- Students who are admitted and complete the Pathway courses successfully as required will then have only 11 courses (33 credits) remaining to complete their SLU MBA.

Pathway to the MBA Courses - 12 credits

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>CST 295</td>
<td>Principles of Data Analysis</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 501</td>
<td>Accounting for Managers</td>
<td>3</td>
</tr>
</tbody>
</table>
Public Administration Bridge Program

The accelerated bachelor’s to master’s program in public administration (BA/MPA) is offered through a partnership with the School for Professional Studies and the Department of Public Policy Studies. It’s designed to give students a foundation in public administration theory as well as the operation and management of public organizations and agencies, and to increase their ability to direct the work of others.

Upon completion of the accelerated degree, students will be prepared to obtain responsible administrative, supervisory and leadership positions in today’s public and non-profit environments.

Students in the BA/MPA program will earn a bachelor’s degree in either criminal justice organization or organizational studies with a minor in public administration through the School for Professional Studies. The 15 credit hour minor will be applied to courses toward their graduate degree saving students time and money.

General Studies Core Courses

Organizational Studies Major or Criminal Justice Major

Public Administration Minor - 15 credits
OSTD 410 Concepts and Theories of Leadership 3
OSTD 480 Organizational Theory and Practice 3
PST 490 Social Science Research Methods 3
PPS 503 Issues in Public Administration 3
PPS 512 Introduction to Public Sector Budgeting 3

General Electives

Total for Bachelor of Arts Degree - 121 credits

Students pursuing the master's program will apply to the Graduate School and the GRE requirement will be waived. Once admitted to the MPA program, students will complete the remaining 2 core courses (6 credit hours), 5 elective courses (15 credit hours), and internship/in-service project (3 credit hours) through the Department of Public Policy Studies to complete their master's degree.

Master's in Public Administration - 24 credits
PPS 515 Economics of the Public Sector 3
PPS 541 Administrative Law 3

Elective Courses - 15 credits
Available electives include subjects such as criminal justice policy, program evaluation, public policy analysis, finance, organizational psychology and health and social policy.

Internship/In-service Project - 3 credits
This program is accredited by the National Association of Schools of Public Affairs and Public Administration. The program’s content, therefore, reflects the current trends in professional education towards training experts in the field.

RN to BSN to MSN Bridge Program
(Available Online)

The RN to BSN to Master’s Program in Nursing is designed to meet the needs of RNs who wish to complete the
bachelor of science degree and earn a master's degree in nursing.

Unique features of this program include:

- No required testing to validate previous nursing education.
- Direct transfer of previous nursing education credit hours. Up to 38 credit hours of qualified diploma or associate degree nursing courses may be awarded and applied towards the 60 nursing credit hours required for the BSN.
- Easy transfer of previous college-level general education credit hours. Up to 64 credit hours may be awarded and applied toward the bachelor’s degree.
- RNs enrolled in the program take several courses on the master’s level while still an undergraduate student, reducing the number of master’s degree requirements by up to 13 credit hours.
- No more than two clinical nursing courses required. Number of required clinical hours are determined on an individual basis through evaluation of previous nursing experience. Up to ten hours may be awarded through portfolio review for experienced nurses.

The RN to BSN to MSN Bridge offers the flexibility that most working RNs require.

### Pre-Nursing Core - 54 credits

<table>
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<tr>
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<tr>
<td>ANAT 100</td>
<td>Basic Human Anatomy</td>
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<tr>
<td>BIOL 293</td>
<td>Introduction to Microbiology</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 153</td>
<td>Principles of Chemistry I</td>
<td>4</td>
</tr>
<tr>
<td>CST 295</td>
<td>Principles of Data Analysis</td>
<td>3</td>
</tr>
<tr>
<td>ED 120</td>
<td>Human Growth, Development and Health</td>
<td>4</td>
</tr>
<tr>
<td>ENGL 190</td>
<td>Advanced Strat. of Rhetoric &amp; Research</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 105</td>
<td>Intro to Philosophy</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 205</td>
<td>Ethics</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 336</td>
<td>Medical Ethics</td>
<td>3</td>
</tr>
<tr>
<td>PPY 254</td>
<td>Human Physiology</td>
<td>4</td>
</tr>
<tr>
<td>PSYK 101</td>
<td>General Psychology</td>
<td>3</td>
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<tr>
<td>THEO 100</td>
<td>Theological Foundations</td>
<td>3</td>
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<td>Any ENGL 200 or higher</td>
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<tr>
<td>Any Fine Arts course</td>
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<td>Any History course</td>
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<tr>
<td>Any Sociology course</td>
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<td>3</td>
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<tr>
<td>Any THEO 200 or higher</td>
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### Nursing Major Courses - 8 credits

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>NURS 380</td>
<td>Conceptual Framework for Practice</td>
<td>3</td>
</tr>
<tr>
<td>NURS 432</td>
<td>Public Health Nursing</td>
<td>4</td>
</tr>
<tr>
<td>NURS 492</td>
<td>Community Health Project</td>
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### Credit by Examination - 5 credits

<table>
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<tr>
<th>Subject</th>
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<tbody>
<tr>
<td>Health Assessment</td>
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</tr>
<tr>
<td>Nutrition</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

### Credit by Portfolio - 6 credits

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NURS 456</td>
<td>Leadership and Management</td>
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<tr>
<td>NURS 480</td>
<td>Comprehensive Nursing</td>
<td>4</td>
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</tbody>
</table>

### Credit by Articulation - 38 credits

Total Nursing Major Hours - 57 credits

### Electives - 15 credits

<table>
<thead>
<tr>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Any NURS 400 or higher</td>
</tr>
<tr>
<td>General Education OR Nursing</td>
</tr>
</tbody>
</table>
Total 125 credits

**Urban Planning and Real Estate Development Bridge Program**

This program is designed for working professionals and will provide you with a foundation in real estate and community development and increase your ability to have a direct contribution in urban planning and development. Its primary objective is to provide you with proficiency in real estate, community development, and urban planning competencies, including appraisal, geographic information systems, research and evaluation skills, and public sector economics. Upon completion of the accelerated degree, you will be prepared to obtain responsible positions within the real estate and urban planning disciplines, both in the private and public sector.

With the Real Estate Bridge Program:

- You will earn a bachelor's degree in any of the SPS programs with a minor in Real Estate & Community Development. Alternatively, you may complete the post-bachelor's certificate in Real Estate & Community Development. The minor/certificate is 18 hours.
- In addition, you will need to complete two electives as a bridge to the Urban Planning & Real Estate Development (UPRED) master's program.
- Then, if qualified, you will complete the 30 credit hours remaining, instead of 45, for your master's in Urban Planning & Real Estate Development. This accelerated option can save you both time and money.

This program is offered in partnership with the School for Professional Studies and the Department of Public Policy Studies.

**General Studies Core Courses (if degree seeking)**

**Major Courses (if degree seeking)**

**Minor/Certificate: Real Estate & Community Development - 18 credits**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>RECD 300</td>
<td>Real Estate Roles and the Public Sector</td>
<td>3</td>
</tr>
<tr>
<td>RECD 400</td>
<td>Real Estate Law</td>
<td>3</td>
</tr>
<tr>
<td>RECD 415</td>
<td>Real Estate Finance</td>
<td>3</td>
</tr>
<tr>
<td>RECD 420</td>
<td>Real Estate Appraisal, Market Research and Feasibility</td>
<td>3</td>
</tr>
<tr>
<td>PPS 535</td>
<td>Introduction to GIS (taken instead of RECD 435)</td>
<td>3</td>
</tr>
<tr>
<td>RECD 487</td>
<td>Real Estate Capstone</td>
<td>3</td>
</tr>
</tbody>
</table>

**Bridge Program Electives - 6 credits**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PST 490</td>
<td>Social Science Research Methods</td>
<td>3</td>
</tr>
<tr>
<td>PPS 515</td>
<td>Economics of the Public Sector</td>
<td>3</td>
</tr>
</tbody>
</table>

**General Electives (if degree seeking)**

**Total for Degree Seeking Students - 121 credits**

**Total for Post-Bachelor Certificate Students - 24 credits**

Students pursuing the master's program will apply to the Graduate School and the GRE requirement will be waived. Once admitted to the UPRED program, students can begin taking the following 30 credit hours through the Department of Public Policy Studies to complete their master's degree.

**Master's in Urban Planning & Real Estate Development - 30 credits**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PPS 500</td>
<td>The Metropolis OR</td>
<td>3</td>
</tr>
<tr>
<td>PPS 550</td>
<td>History of Cities and Planning</td>
<td>3</td>
</tr>
<tr>
<td>PPS 525</td>
<td>Infrastructure Planning and Process</td>
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