

# Additional Coursework by Major

A strong application for admission will show solid progress toward your intended degree. The curricula of many undergraduate majors require lower-division, introductory coursework often available at other institutions. Students wishing to be more competitive in the applicant pool should consider completing the suggested courses listed for their major. For majors in business, engineering, public policy, and architecture, completion of these courses is required for admission. Science and engineering majors can become stronger candidates for admission by completing the additional coursework listed.

The course numbers listed below are USC course numbers. Please visit [arr.usc.edu/transfercredit](http://arr.usc.edu/transfercredit) to find an equivalent course at the college you attend.

Majors that require a third-level foreign language for graduation are indicated with a checkmark in the "FOREIGN LANG." column.

Dornsife College of Letters, Arts and Sciences / <a href="http://dornsife.usc.edu">dornsife.usc.edu</a>		
MAJOR	FOREIGN LANG.	RECOMMENDED PREPARATION
<b>Astronomy</b>	✓	<b>MATH 125</b> (Calculus I); <b>MATH 126</b> (Calculus II); <b>MATH 226</b> (Calculus III); <b>MATH 245</b> (Mathematics of Physics and Engineering I); <b>PHYS 151</b> (Fundamentals of Physics I: Mechanics and Thermodynamics); <b>PHYS 152</b> (Fundamentals of Physics II: Electricity and Magnetism); <b>PHYS 153</b> (Fundamentals of Physics III: Optics and Modern Physics)
<b>Biological Sciences, Biochemistry</b>	✓	<b>BISC 120</b> (General Biology: Organismal Biology and Evolution); <b>BISC 220</b> (General Biology: Cell Biology and Physiology); <b>CHEM 105ab</b> (General Chemistry I and II); <b>PHYS 135a</b> (Physics for the Life Sciences I) or <b>PHYS 151</b> (Fundamentals of Physics I: Mechanics and Thermodynamics); <b>PHYS 135b</b> (Physics for the Life Sciences II) or <b>PHYS 152</b> (Fundamentals of Physics II: Electricity and Magnetism); <b>MATH 125</b> (Calculus I) <i>Additional lower-division courses in mathematics are required for B.S. programs.</i>
<b>Biophysics, Chemistry, Physics</b>	✓	<b>MATH 125</b> (Calculus I); <b>MATH 126</b> (Calculus II); <b>MATH 226</b> (Calculus III); <b>CHEM 105ab</b> (General Chemistry I and II); <b>PHYS 151</b> (Fundamentals of Physics I: Mechanics and Thermodynamics); <b>PHYS 152</b> (Fundamentals of Physics II: Electricity and Magnetism); <b>PHYS 153</b> (Fundamentals of Physics III: Optics and Modern Physics) <b>Additional recommendations per major:</b> <b>Biophysics also recommends:</b> <b>BISC 120</b> (General Biology: Organismal Biology and Evolution); <b>BISC 220</b> (General Biology: Cell Biology and Physiology); <b>MATH 245</b> (Mathematics of Physics and Engineering I) <b>Physics also recommends:</b> <b>MATH 245</b> (Mathematics of Physics and Engineering I)
<b>Computational Neuroscience</b>	✓	<b>BISC 220</b> (General Biology: Cell Biology and Physiology); <b>CHEM 105a</b> (General Chemistry I); <b>PSYC 100</b> (Introduction to Psychology); <b>MATH 125</b> (Calculus I); <b>MATH 126</b> (Calculus II); <b>PHYS 135ab</b> (Physics for the Life Sciences I and II)
<b>Earth Sciences</b>	✓	<b>GEOL 105</b> (Planet Earth) or <b>GEOL 107</b> (Oceanography); <b>CHEM 105a</b> (General Chemistry I); <b>MATH 118</b> (Fundamental Principles of the Calculus) or <b>MATH 125</b> (Calculus I); <b>BISC 120</b> (General Biology: Organismal Biology and Evolution); <b>CHEM 105b</b> (General Chemistry II) or <b>PHYS 135a</b> (Physics for the Life Sciences I)
<b>Economics</b>	✓	<b>ECON 203</b> (Principles of Microeconomics); <b>ECON 205</b> (Principles of Macroeconomics); <b>MATH 118</b> (Fundamental Principles of the Calculus) or <b>MATH 125</b> (Calculus I)
<b>Economics/Mathematics</b>	✓	<b>ECON 203</b> (Principles of Microeconomics); <b>ECON 205</b> (Principles of Macroeconomics); <b>MATH 126</b> (Calculus II); <b>MATH 225</b> (Linear Algebra and Linear Differential Equations) or <b>MATH 245</b> (Mathematics of Physics and Engineering I); <b>MATH 226</b> (Calculus III)
<b>Environmental Science and Health</b>	✓	<b>BISC 120</b> (General Biology: Organismal Biology and Evolution); <b>BISC 220</b> (General Biology: Cell Biology and Physiology); <b>CHEM 105ab</b> (General Chemistry I and II) <i>For details regarding other course requirements visit <a href="http://dornsife.usc.edu/environmental-studies">dornsife.usc.edu/environmental-studies</a>.</i>
<b>Geological Sciences</b>	✓	<b>CHEM 105ab</b> (General Chemistry I and II); <b>GEOL 105</b> (Planet Earth); <b>MATH 125</b> (Calculus I); <b>MATH 126</b> (Calculus II); <b>PHYS 135a</b> (Physics for the Life Sciences I) or <b>PHYS 151</b> (Fundamentals of Physics I: Mechanics and Thermodynamics) or <b>BISC 120</b> (General Biology: Organismal Biology and Evolution); <b>PHYS 135b</b> (Physics for the Life Sciences II) or <b>PHYS 152</b> (Fundamentals of Physics II: Electricity and Magnetism) or <b>BISC 220</b> (General Biology: Cell Biology and Physiology)
<b>Health and Human Sciences</b>	✓	<b>BISC 220</b> (General Biology: Cell Biology and Physiology); <b>CHEM 105a</b> (General Chemistry I)
<b>Human Biology</b>	✓	<b>BISC 120</b> (General Biology: Organismal Biology and Evolution); <b>BISC 220</b> (General Biology: Cell Biology and Physiology); <b>CHEM 105ab</b> (General Chemistry I and II)*; <b>MATH 108</b> (Contemporary Precalculus); <b>MATH 125</b> (Calculus I)*; <b>PHYS 135a</b> (Physics for the Life Sciences I) or <b>PHYS 151</b> (Fundamentals of Physics I: Mechanics and Thermodynamics)* <i>*Not required for the B.A.</i>

## Dornsife College of Letters, Arts and Sciences / [dornsife.usc.edu](http://dornsife.usc.edu)

MAJOR	FOREIGN LANG.	RECOMMENDED PREPARATION
International Relations	✓	Requires a fourth-level course of foreign language.
International Relations (Global Business)	✓	<b>ECON 203</b> (Principles of Microeconomics); <b>ECON 205</b> (Principles of Macroeconomics); <b>MATH 118</b> (Fundamental Principles of the Calculus)
International Relations & the Global Economy	✓	
Mathematics, Applied and Computational Mathematics	✓	<b>MATH 125</b> (Calculus I); <b>MATH 126</b> (Calculus II); <b>MATH 225</b> (Linear Algebra and Linear Differential Equations); <b>MATH 226</b> (Calculus III); <b>PHYS 151</b> (Fundamentals of Physics I: Mechanics and Thermodynamics)* *Only required for the B.S. in Mathematics.
Neuroscience	✓	<b>BISC 220</b> (General Biology: Cell Biology and Physiology); <b>CHEM 105a</b> (General Chemistry I); <b>PSYC 100</b> (Introduction to Psychology); <b>MATH 125</b> (Calculus I) <i>The B.S. program in Neuroscience also requires CHEM 105b and PHYS 135ab.</i>
Physics/Computer Science	✓	<b>MATH 125</b> (Calculus I); <b>MATH 126</b> (Calculus II); <b>MATH 225</b> (Linear Algebra and Linear Differential Equations); <b>MATH 226</b> (Calculus III); <b>MATH 245</b> (Mathematics of Physics and Engineering I); <b>PHYS 151</b> (Fundamentals of Physics I: Mechanics and Thermodynamics); <b>PHYS 152</b> (Fundamentals of Physics II: Electricity and Magnetism)
Political Science	✓	<b>POSC 100</b> (Theory and Practice of American Democracy); <b>POSC 120</b> (Comparative Politics)
Psychology	✓	<b>PSYC 100</b> (Introduction to Psychology); <b>MATH 114</b> (Foundation of Statistics)
Sociology	✓	<b>SOCI 200</b> (Introduction to Sociology)
All other majors	✓	Courses vary. For more information visit <a href="http://dornsife.usc.edu/undergraduate-academics">dornsife.usc.edu/undergraduate-academics</a> .

## Iovine and Young Academy / [iovine-young.usc.edu](http://iovine-young.usc.edu)

MAJOR	FOREIGN LANG.	RECOMMENDED PREPARATION
Arts, Technology and the Business of Innovation (B.S.)		In addition to the Common Application, applicants are required to submit a video proposal and a portfolio of creative work. The application deadline is December 1. Select candidates will be invited to a required interview that will take place in February. Please visit the Iovine and Young Academy website for complete details: <a href="http://iovine-young.usc.edu">iovine-young.usc.edu</a>  Transfer students are welcome to apply but should be aware that the Academy curriculum is cohort-based and may require four years to complete at USC.

## USC School of Architecture / [arch.usc.edu](http://arch.usc.edu)

MAJOR	FOREIGN LANG.	RECOMMENDED PREPARATION
Architecture		<b>Required for admission: MATH 108</b> (Contemporary Precalculus) Recommended course: <b>PHYS 125</b> (Physics for Architects) or <b>PHYS 135ab</b> (Physics for the Life Sciences I & II) The five-year Bachelor of Architecture program is a professional degree accredited by the National Architecture Accrediting Board (NAAB). All transfer applicants must submit a portfolio directly to the School of Architecture via <a href="http://uscarch.slideroom.com">uscarch.slideroom.com</a> . Consult the School of Architecture program website for instructions. Placement level and the amount of time to complete the studio sequence are dependent on skill level, not unit count. Submit a recommendation from a college/university instructor or your college academic advisor via Slideroom. Letters from high school teachers or counselors will not be accepted. When selecting General Education courses, please focus on Categories B, C, D, G and H. If you are admitted to the B.Arch program, Categories A, E and F will be fulfilled by major requirements.

## Roski School of Art and Design / [roski.usc.edu](http://roski.usc.edu)

MAJOR	FOREIGN LANG.	RECOMMENDED PREPARATION
Art (B.A.) Design (BFA) Fine Arts (BFA)	✓	All transfer applicants must upload a portfolio of 10-15 images of recent artwork (completed within the past two years), prompt-based artist essay, and a list of creative accomplishments to <a href="http://roski.slideroom.com">roski.slideroom.com</a> . See Roski website for more details. Submit two letters of recommendation from current or former art instructors via Slideroom. When selecting General Education courses, please focus on Categories C, D, E or F. Categories A, B, G and H will be fulfilled by major requirements.  All studio courses taken outside USC are subject to an online portfolio review by Roski faculty prior to granting credit for them. For this reason, if you are admitted, prepare to submit additional portfolios of appropriate artwork and syllabi for each art or design course taken.

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### Marshall School of Business & Leventhal School of Accounting / marshall.usc.edu

MAJOR	FOREIGN LANG.	RECOMMENDED PREPARATION
<b>Business &amp; Accounting</b>		<p><b>Required for admission:</b> WRIT 130 (Analytical Writing); MATH 118 (Fundamental Principles of the Calculus) or MATH 125 (Calculus I)</p> <p>These courses must be completed by the end of the spring semester for admission consideration; fall completion is preferred.</p> <p>All upper-division business core courses and major electives must be taken at USC. Business courses completed at another college or university may earn general elective credit.</p> <p><b>In addition:</b></p> <p>It is recommended that students complete General Education courses, as well as financial and managerial accounting.</p> <p>Please note that prospective Accounting majors must first enter the Marshall School of Business as Business Administration majors. A formal request to transfer to the Leventhal School of Accounting can be made once the resident accounting course or courses are successfully completed.</p>

### USC School of Cinematic Arts / cinema.usc.edu

MAJOR	FOREIGN LANG.	RECOMMENDED PREPARATION
<b>Animation &amp; Digital Arts (BFA)</b>		<p>To better prepare for all Cinematic Arts majors, students are encouraged to complete the transferable General Education categories, in addition to the Math, Writing and Foreign Language requirements. Cinematic Arts programs are project intensive, and completion of transferable General Education courses will allow students to better focus on Cinematic Arts courses.</p> <p><b>Animation &amp; Digital Arts applicants:</b> The undergraduate animation program is a four-year sequential program of study. General Education and elective units may count in transfer. Animation applicants are not required to complete a foreign language requirement.</p> <p><b>Film &amp; Television Production applicants:</b> To be considered for admission, applicants must first obtain 48 transferable semester units (excluding AP &amp; IB). This total may include units in progress during the fall or spring semester.</p> <p><b>Media Arts + Practice applicants:</b> Transfer applicants are admitted into the sophomore year cohort, and the program will require three years of study to complete. General education and elective units may count in transfer.</p> <p><b>Writing for Screen &amp; Television applicants:</b> The undergraduate writing program is a four-year sequential program of study. General Education and elective units may count in transfer. Writing applicants are not required to complete a foreign language requirement.</p> <p>The deadline for the Animation &amp; Digital Arts and Writing for Screen and Television programs is December 1, 2021. The transfer application deadline for all other programs is February 15, 2022.</p> <p>In addition to the Common Application, all undergraduate applicants must submit a SlideRoom application for supplemental and portfolio materials. Visit <a href="http://cinema.usc.edu/admissions/apply.cfm">cinema.usc.edu/admissions/apply.cfm</a> for detailed information regarding required supplemental materials.</p>
<b>Cinema &amp; Media Studies (B.A.)</b>	✓	
<b>Film &amp; Television Production (B.A.)</b>	✓	
<b>Game Art (BFA)</b>		
<b>Interactive Entertainment (B.A.)</b>	✓	
<b>Media Arts + Practice (B.A.)</b>	✓	
<b>Writing for Screen &amp; Television (BFA)</b>		

### Annenberg School for Communication and Journalism / annenberg.usc.edu

MAJOR	FOREIGN LANG.	RECOMMENDED PREPARATION
<b>Communication</b>	✓	<p>The best preparation for an Annenberg major is progress toward completing the USC General Education program and having completed at least one level of a foreign language. You may transfer in a maximum of 64 units of credit for all majors.</p> <p><b>In addition:</b></p> <p>Submit a letter of recommendation from a college instructor or college academic advisor.</p> <p><b>Communication applicants:</b> Communication courses taken at another college or university will not count toward the Communication major.</p> <p><b>Journalism and Public Relations applicants:</b> You may transfer in a maximum of 12 units of advertising, journalism and public relations courses for elective credit only.</p> <p>Please visit <a href="http://annenberg.usc.edu/admissions/undergraduate-applicants">annenberg.usc.edu/admissions/undergraduate-applicants</a> for the complete Annenberg transfer guidelines.</p>
<b>Journalism</b>	✓	
<b>Public Relations</b>	✓	

### Kaufman School of Dance / kaufman.usc.edu

MAJOR	FOREIGN LANG.	RECOMMENDED PREPARATION
<b>Dance (BFA)</b>		<p>In addition to the Common Application, all applicants are required to submit the USC Kaufman Portfolio, which includes a pre-screening video, a dance résumé and photographs, via SlideRoom.</p> <p>Select students will be invited to audition.</p> <p>Please visit <a href="http://kaufman.usc.edu/apply">kaufman.usc.edu/apply</a> for complete details.</p> <p>Please note that although current USC and transfer students are welcome to apply, the BFA program requires four years to complete at USC.</p>

## USC School of Dramatic Arts / [dramaticarts.usc.edu](http://dramaticarts.usc.edu)

MAJOR	FOREIGN LANG.	RECOMMENDED PREPARATION
<b>Theatre (B.A.)</b> <b>Theatre (BFA)</b>	✓	There is no audition or portfolio review component for B.A. applicants. The B.A. deadline for transfer applicants is February 15. BFA applicants are required to submit an audition (with a possible callback) or a portfolio review. Updates regarding auditions and portfolio reviews will be provided after the SlideRoom supplemental application has been received. The BFA deadline for all applicants is December 1. In addition to submitting the Common Application, all applicants must complete a supplemental application in SlideRoom via <a href="http://usc.dramaticarts.slideroom.com">usc.dramaticarts.slideroom.com</a> . Additional information is available at <a href="http://dramaticarts.usc.edu">dramaticarts.usc.edu</a> .

## Viterbi School Of Engineering / [viterbiadmission.usc.edu](http://viterbiadmission.usc.edu)

MAJOR	FOREIGN LANG.	RECOMMENDED PREPARATION
<b>Engineering &amp; Computer Science (all majors)</b>		Applicants to any engineering or computer science degree program are strongly encouraged to review the detailed instructions and transfer course plans at <a href="http://viterbiadmission.usc.edu/transfer">viterbiadmission.usc.edu/transfer</a> . Specific instructions and counseling vary by degree program. <b>Required for admission:</b> Two courses of calculus (or higher-level math beyond calculus) after high school with a minimum of <b>MATH 126</b> (Calculus II) in-progress at the point of application. <b>Science or Computer Programming courses:</b> All applicants must complete lab-based science or computer programming courses as determined by their desired major at USC. Please see the above Viterbi School transfer website for specific course advisement.

## Davis School Of Gerontology / [gero.usc.edu](http://gero.usc.edu)

MAJOR	FOREIGN LANG.	RECOMMENDED PREPARATION
<b>Human Development and Aging (Health Science track)</b>		Courses recommended for the <b>Health Science track</b> include: <b>BISC 120</b> (General Biology: Organismal Biology and Evolution); <b>BISC 220</b> (General Biology: Cell Biology and Physiology); <b>CHEM 105ab</b> (General Chemistry I and II); <b>MATH 125</b> (Calculus I); <b>PHYS 135ab</b> (Physics for the Life Sciences I and II); <b>CHEM 322ab</b> (Organic Chemistry I and II)
<b>Human Development and Aging (Social Science track)</b>	✓	<i>There is no foreign language requirement for the Health Science track.</i>
<b>Lifespan Health</b>	✓	<i>Students pursuing the Human Development and Aging (Social Science track) and Lifespan Health degrees must meet a foreign language or computer programming requirement.</i>

## Keck School of Medicine / [keck.usc.edu](http://keck.usc.edu) | [hdp.usc.edu](http://hdp.usc.edu)

MAJOR	FOREIGN LANG.	RECOMMENDED PREPARATION
<b>Global Health</b>	✓	<b>BISC 220</b> (General Biology: Cell Biology and Physiology); <b>CHEM 105a</b> (General Chemistry); <b>ECON 203</b> (Principles of Microeconomics); <b>MATH 125</b> (Calculus I)
<b>Health Promotion and Disease Prevention</b>	✓	<b>BISC 120</b> (General Biology: Organismal Biology and Evolution); <b>BISC 220</b> (General Biology: Cell Biology and Physiology); <b>CHEM 105a</b> (General Chemistry); <b>MATH 108</b> (Contemporary Precalculus) or <b>MATH 125</b> (Calculus I) (required for pre-health students); <b>PSYC 100</b> (Introduction to Psychology)

## Thornton School of Music / [music.usc.edu](http://music.usc.edu)

MAJOR	FOREIGN LANG.	RECOMMENDED PREPARATION
<b>Music Industry (B.S.)</b>		The B.S. in Music Industry requires four units of Economics coursework, which can be satisfied with any <b>ECON</b> course number 100-499. In addition to the Common Application, all undergraduate applicants must submit a Thornton SlideRoom Portfolio. The transfer application deadline for all Thornton programs is December 1. Visit <a href="http://music.usc.edu/admission">music.usc.edu/admission</a> for detailed information about how to apply and required supplemental materials. Visit <a href="http://music.usc.edu/admission/transfer">music.usc.edu/admission/transfer</a> for more information about transferring to the Thornton School.

## USC School of Pharmacy / [pharmacyschool.usc.edu](http://pharmacyschool.usc.edu)

MAJOR	FOREIGN LANG.	RECOMMENDED PREPARATION
<b>Pharmacology and Drug Development (B.S.)</b>		<b>MATH 108</b> (Contemporary Precalculus); <b>MATH 118</b> (Fundamental Principles of the Calculus); <b>MATH 125</b> (Calculus I)*; <b>BISC 120</b> (General Biology: Organismal Biology and Evolution); <b>BISC 220</b> (General Biology: Cell Biology and Physiology); <b>CHEM 105a</b> (General Chemistry); <b>CHEM 105b</b> (General Chemistry) <i>*Required for pre-pharmacy students.</i> <i>For additional requirements for transfer students on the pre-pharmacy track visit <a href="http://pharmacyschool.usc.edu/apply/admission/requirements">pharmacyschool.usc.edu/apply/admission/requirements</a>.</i>

## Price School of Public Policy / [priceschool.usc.edu](http://priceschool.usc.edu)

MAJOR	FOREIGN LANG.	RECOMMENDED PREPARATION
<b>Public Policy</b> <b>Real Estate Development</b> <b>Urban Studies and Planning</b>		<b>MATH 117</b> (Introduction to Mathematics for Business and Economics); <b>ECON 203</b> (Principles of Microeconomics) <b>Required for admission:</b> The Real Estate Development major requires <b>ECON 203</b> (Principles of Microeconomics) and one of the following: <b>MATH 117</b> (Introduction to Mathematics for Business and Economics), <b>MATH 118</b> (Fundamental Principles of the Calculus) or <b>MATH 125</b> (Calculus I).