## GRADUATE CONCENTRATIONS

<table>
<thead>
<tr>
<th>Column 1</th>
<th>Column 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>A (p. 1)</td>
<td>B (p. 1)</td>
</tr>
<tr>
<td>C (p. 2)</td>
<td>D (p. 3)</td>
</tr>
<tr>
<td>E (p. 3)</td>
<td>F (p. 3)</td>
</tr>
<tr>
<td>G (p. 3)</td>
<td>H (p. 4)</td>
</tr>
<tr>
<td>I (p. 4)</td>
<td>J (p. 4)</td>
</tr>
<tr>
<td>K</td>
<td>L (p. 4)</td>
</tr>
<tr>
<td>M (p. 4)</td>
<td>N</td>
</tr>
<tr>
<td>O</td>
<td>P (p. 5)</td>
</tr>
<tr>
<td>Q</td>
<td>R (p. 5)</td>
</tr>
<tr>
<td>S (p. 6)</td>
<td>T (p. 6)</td>
</tr>
<tr>
<td>U (p. 6)</td>
<td>V (p. 6)</td>
</tr>
<tr>
<td>W (p. 6)</td>
<td>X</td>
</tr>
<tr>
<td>Y</td>
<td>Z</td>
</tr>
</tbody>
</table>

A graduate concentration constitutes a coherent program of study requiring additional breadth or considerable depth of knowledge. A concentration may refer to a subfield within a discipline, or to an interdepartmental and/or interdisciplinary area of knowledge. Concentrations appear on academic transcripts.

Some concentrations (major-based) are only open to a student majoring in the offering department. Other concentrations (floating) are open to students in a broad range of majors. Both types are listed here, with the eligible programs listed below each concentration.

### A

**Accountancy** (http://catalog.illinois.edu/graduate/graduate-majors/accountancy/accy-conc)
- Business Administration (M.B.A. (http://catalog.illinois.edu/graduate/graduate-majors/bus-admin-mba) and M.S. (http://catalog.illinois.edu/graduate/graduate-majors/bus-admin-ms))
- Finance (M.S.) (http://catalog.illinois.edu/graduate/graduate-majors/finance)
- Technology Management (M.S.) (http://catalog.illinois.edu/graduate/graduate-majors/bus-admin-ms)

### Actuarial Science
- Applied Mathematics (M.S.) (http://catalog.illinois.edu/graduate/graduate-majors/math/#masterstext)
- Actuarial Science and Risk Analytics (Ph.D) (http://catalog.illinois.edu/graduate/graduate-majors/math/phd-math-actsci-conc)

### Advanced Analytics
- Industrial & Enterprise Engineering (M.S.) (http://catalog.illinois.edu/graduate/graduate-majors/iese/#concentrationtext)

### Advanced Clinical
- Social Work (M.S.W. on-campus and extramural) (http://catalog.illinois.edu/graduate/msw_social-work/adv_clinical)

### African American Studies
(http://catalog.illinois.edu/graduate/graduate-majors/african-amer-studies/#concentrationtext)
- African Studies (M.A.) (http://catalog.illinois.edu/graduate/graduate-majors/african-studies/#masterstext)
- Educational Policy Studies (M.A. and Ph.D.) (http://catalog.illinois.edu/graduate/graduate-majors/ed-pol-org-leadership)
- Educational Psychology (all, except online degrees) (http://catalog.illinois.edu/graduate/graduate-majors/ed-psych)
- History (all) (http://catalog.illinois.edu/graduate/graduate-majors/history)
- Political Science (all) (http://catalog.illinois.edu/graduate/graduate-majors/poli-sci)
- Sociology (all) (http://catalog.illinois.edu/graduate/graduate-majors/sociology)

### Analytics
- Statistics (M.S.) (http://catalog.illinois.edu/graduate/graduate-majors/statistics/ms-analytics-concentration)

### Bioinformatics: Animal Sciences, MS
(http://catalog.illinois.edu/graduate/aces/ms_bioinfo_ansc)

### Applied Statistics
- Statistics (M.S.) (http://catalog.illinois.edu/graduate/graduate-majors/statistics/ms-applied-statistics-concentration)

### Astrochemistry
(http://catalog.illinois.edu/graduate/graduate-majors/astrochemistry)
- Astronomy (Ph.D.) (http://catalog.illinois.edu/graduate/graduate-majors/astronomy/#doctoratestext)
- Chemistry (Ph.D.) (http://catalog.illinois.edu/graduate/graduate-majors/chemistry/#doctoratestext)

### Back to Top (p. )

### B

**Bioengineering** (http://catalog.illinois.edu/graduate/graduate-majors/bio-engin/ms-bioinfo-conc-bioeng)
- Bioinformatics (M.S.) (http://catalog.illinois.edu/graduate/graduate-majors/bio-engin)

**Bioinstrumentation** (http://catalog.illinois.edu/graduate/graduate-majors/bio-engin/meng-bioengin/bioinstrumentation.html)

**Biomechanics** (http://catalog.illinois.edu/graduate/concentrations/conc-biomechanics)
- Bioengineering (M.S.) (http://catalog.illinois.edu/graduate/graduate-majors/bio-engin/ms-bioengineering)

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Information listed in this catalog is current as of 05/2019
• Materials Engineering (MENG) (http://catalog.illinois.edu/graduate/graduate-majors/matse/master-eng-materials-eng)
• Electrical & Computer Engineering (M.S., Ph.D.) (http://catalog.illinois.edu/graduate/graduate-majors/comp-science/ms-comp-sci)
• Materials Science and Engineering (M.S.) (http://catalog.illinois.edu/graduate/graduate-majors/matse/ms-materials-science-eng)
• Mechanical Science and Engineering (M.S.,MENG, Ph.D.) (http://catalog.illinois.edu/graduate/graduate-majors/mechse/ms-mech-eng)
• Theoretical and Applied Mechanics (M.S (http://catalog.illinois.edu/graduate/graduate-majors/mechse/ms-theoretical-applied-mech), Ph.D. (http://catalog.illinois.edu/graduate/graduate-majors/mechse/dr-philo-theo-applied-mech))

Brazilian Studies (http://catalog.illinois.edu/graduate/graduate-majors/spanish-port/brazilian-studies-concentration)
• Portuguese MA (http://catalog.illinois.edu/graduate/graduate-majors/spanish-port/portuguese-ma)

Business Data Analytics (http://catalog.illinois.edu/graduate/graduate-majors/bus-admin-ms/grad-conc-business-data-analytics)
• Business Administration (M.B.A. (http://catalog.illinois.edu/graduate/graduate-majors/bus-admin-ms/mba) and M.S. (http://catalog.illinois.edu/graduate/graduate-majors/bus-admin-ms))

Business & Public Policy (http://catalog.illinois.edu/graduate/graduate-majors/finance/graduate-concentration_in_business_and_public_policy)
• Accountancy (M.A.S., M.S.) (http://catalog.illinois.edu/graduate/graduate-majors/accountancy)
• Business Administration (M.S.) (http://catalog.illinois.edu/graduate/graduate-majors/bus-admin-ms)
• Finance (M.S.) (http://catalog.illinois.edu/graduate/graduate-majors/finance)
• Technology Management (M.S.) (http://catalog.illinois.edu/graduate/graduate-majors/bus-admin-ms)

Back to Top (p. 2)

C

Cancer Nanotechnology (http://catalog.illinois.edu/graduate/graduate-majors/bio-engin/grad-conc-cancer-nanotechnology)

Chemical and Biomolecular Engineering

Choral Music

Civic Leadership

Computational Engineering

Computational Science and Engineering (http://catalog.illinois.edu/graduate/graduate-majors/engineering/#concentrationtext)
• Aerospace Engineering (M.S. (http://catalog.illinois.edu/graduate/graduate-majors/aero-engin/#masterertext), Ph.D. (http://catalog.illinois.edu/graduate/graduate-majors/aero-engin/#doctoratertext))
• Actuarial Science (MS (http://catalog.illinois.edu/graduate/graduate-majors/math/ms-applied-math-conc-actuarial-science))
• Agricultural & Biological Engineering (M.S. (http://catalog.illinois.edu/graduate/graduate-majors/ag-biol-engin/ms-ag-biol-engin), Ph.D. (http://catalog.illinois.edu/graduate/graduate-majors/ag-biol-engin/#doctoratertext))
• Applied Mathematics (M.S. (http://catalog.illinois.edu/graduate/graduate-majors/math/ms-applied-math-science-applied-math-compute-science-eng), )
plasma-radiological-engineering), Ph.D. (http://catalog.illinois.edu/graduate/graduate-majors/npre/#doctoratext))

- Physics (Ph.D. (http://catalog.illinois.edu/graduate/graduate-majors/physics/#doctoratext))
- Plant Biology (M.S. (http://catalog.illinois.edu/graduate/graduate-majors/plant-bio/ms-plant-biol), Ph.D. (http://catalog.illinois.edu/graduate/graduate-majors/plant-bio/#doctoratext))
- Statistics (Ph.D. (http://catalog.illinois.edu/graduate/graduate-majors/statistics/#doctoratext))
- Systems & Entrepreneurial Engineering (M.S. (http://catalog.illinois.edu/graduate/graduate-majors/iiese/ms-systems-entre-eng))
- Theoretical & Applied Mechanics (M.S. (http://catalog.illinois.edu/graduate/graduate-majors/mechse/ms-theoretical-applied-mech), Ph.D. (http://catalog.illinois.edu/graduate/graduate-majors/mechse/dr-philo-theo-applied-mech))

Corporate Governance and International Business (http://catalog.illinois.edu/graduate/graduate-majors/bus-admin-ms/graduate_concentration_in_copr_gov_and_intl_bus)

Corporate Law, Commercial Law, and Trade (http://catalog.illinois.edu/graduate/graduate-majors/law/corp-commercial-law-concentration)

Crafts
- Art and Design (M.F.A.) (http://catalog.illinois.edu/graduate/graduate-majors/art-design/ma-fine-arts-art-design-all)

Criminal Law (http://catalog.illinois.edu/graduate/llm_law/criminal-law)
- Master of Studies in Law (LL.M.)

Crop Sciences
- Bioinformatics (M.S.) (http://catalog.illinois.edu/graduate/graduate-majors/crop-sciences)

Back to Top (p. )

Data Analytics in Accountancy (http://catalog.illinois.edu/graduate/graduate-majors/accountancy/data-analytics-conc)
- Master of Accounting Science (M.A.S.) (http://catalog.illinois.edu/graduate/graduate-majors/accountancy/accountancy-accountancy-ma)
- Master of Science in Accountancy (M.S.A.) (http://catalog.illinois.edu/graduate/graduate-majors/accountancy/accountancy-ma)

Design and Technology
- Theatre (M.F.A.) (http://catalog.illinois.edu/graduate/graduate-majors/theatre/mfa-design-technology-concentration)

Digital Libraries Concentration (http://catalog.illinois.edu/graduate/cas_lis/digital)

Diversity & Equity in Education (http://catalog.illinois.edu/graduate/graduate-majors/ed-pol-org-leadership/diversityequityeducationconcentration)
- Educational Policy, Organization and Leadership (Ed.M., M.S., C.A.S., Ed.D., Ph.D.) (http://catalog.illinois.edu/graduate/graduate-majors/ed-pol-org-leadership)

Back to Top (p. )

E

Ecology, Ethology & Evolution
- Biology (M.S., Ph.D.) (http://catalog.illinois.edu/graduate/graduate-majors/animal-bio)

Educational Administration and Leadership (http://catalog.illinois.edu/graduate/graduate-majors/ed-pol-org-leadership/edadminleadershipconcentration)
- Educational Policy, Organization and Leadership (Ed.M., M.S., C.A.S., Ed.D., Ph.D.) (http://catalog.illinois.edu/graduate/graduate-majors/ed-pol-org-leadership)

Energy Systems (http://catalog.illinois.edu/graduate/concentrations/energy-systems-meng)
- Engineering (M.Eng.) (http://catalog.illinois.edu/graduate/graduate-majors/engineering/#masterstext)

English
- Secondary Education (Ed.M.) (http://catalog.illinois.edu/graduate/graduate-majors/ed-curriculum-inst/secondary-education)

Finance (http://catalog.illinois.edu/graduate/graduate-majors/finance/#concentrationtext)
- Accountancy (M.A.S.) (http://catalog.illinois.edu/graduate/graduate-majors/accountancy/accountancy-ma)

Food Science
- Food Science and Human Nutrition (M.S., Ph.D.) (http://catalog.illinois.edu/graduate/graduate-majors/fshn)

Back to Top (p. )

G

Geography and Geographic Information Sciences
- Professional Science Master’s in Geographic Information Science (http://catalog.illinois.edu/graduate/graduate-majors/geography/psm-gis)

Global Studies in Education (http://catalog.illinois.edu/graduate/graduate-majors/ed-pol-org-leadership/globalstudiesinedconcentration)
- Educational Policy Studies (Ed.M., M.A., Ph.D.) (http://catalog.illinois.edu/graduate/graduate-majors/ed-pol-org-leadership)

Graphic Design
- Art and Design (M.F.A.) (http://catalog.illinois.edu/graduate/graduate-majors/art-design/ma-fine-arts-art-design-all)

Greek
- Classics (M.A.) (http://catalog.illinois.edu/graduate/graduate-majors/classics/ma-greek)

Information listed in this catalog is current as of 05/2019
International and Comparative Law (http://catalog.illinois.edu/graduate/graduate-majors/law/international-comparative-law-concentration)
- Master of Laws (L.L.M.) (http://catalog.illinois.edu/graduate/graduate-majors/law/master-laws)

Back to Top (p. )

J

Jazz Performance
- Music (M.Mus. and A.Mus.D.) (http://catalog.illinois.edu/graduate/graduate-majors/music)

Justice, Democracy, and Legal Rights (http://catalog.illinois.edu/graduate/graduate-majors/law/justice-democracy-legal-rights-concentration)
- Master of Laws (L.L.M.) (http://catalog.illinois.edu/graduate/graduate-majors/law/master-laws)

Back to Top (p. )

K

Latin
- Classics (M.A.) (http://catalog.illinois.edu/graduate/graduate-majors/classics/ma-latin)

Leadership and Social Change
- Social Work (M.S.W. on-campus) (http://catalog.illinois.edu/graduate/msw_social-work/leadership)

Learning Design and Leadership (http://catalog.illinois.edu/graduate/graduate-majors/ed-pol-org-leadership/learningdesignleadershipconcentration)
- Educational Policy Organization and Leadership (Ed.M., M.A., C.A.S., Ed.D., Ph.D.) (http://catalog.illinois.edu/graduate/educationpolicyorganization/leadership)

Library & Information Science
- Bioinformatics: Library & information Science, MS (http://catalog.illinois.edu/graduate/ischool/ms_bioinfo_lis)

Back to Top (p. )

M

Mathematics
- Secondary Education (Ed.M.) (http://catalog.illinois.edu/graduate/graduate-majors/ed-curriculum-inst/secondary-education)

Medieval Studies (http://catalog.illinois.edu/graduate/graduate-majors/medieval-studies/#concentrationtext)
- Architecture (M.Arch., Ph.D.) (http://catalog.illinois.edu/graduate/graduate-majors/architecture)
- Art History (all) (http://catalog.illinois.edu/graduate/graduate-majors/art-design)
- Classical Philology (Ph.D.) (http://catalog.illinois.edu/graduate/graduate-majors/classics/#doctoralttext)
- Classics (M.A.) (http://catalog.illinois.edu/graduate/graduate-majors/classics/#mastertext)
- Communication (all) (http://catalog.illinois.edu/graduate/graduate-majors/communication)
• Comparative Literature (all) (http://catalog.illinois.edu/graduate/graduate-majors/comparative-literature)
• English (all) (http://catalog.illinois.edu/graduate/graduate-majors/english)
• French (all) (http://catalog.illinois.edu/graduate/graduate-majors/french-italian)
• German (all) (http://catalog.illinois.edu/graduate/graduate-majors/german)
• History (all) (http://catalog.illinois.edu/graduate/graduate-majors/history)
• Italian (all) (http://catalog.illinois.edu/graduate/graduate-majors/french-italian)
• Landscape Architecture (all) (http://catalog.illinois.edu/graduate/graduate-majors/landscape-arch)
• East Asian Languages and Cultures (Ph.D.) (http://catalog.illinois.edu/graduate/graduate-majors/east-asian-lang-culture/#doctoratestext)
• Musicology (Ph.D.) (http://catalog.illinois.edu/graduate/graduate-majors/musicology)
• Philosophy (all) (http://catalog.illinois.edu/graduate/graduate-majors/philosophy)
• Portuguese (all) (http://catalog.illinois.edu/graduate/graduate-majors/spanish-port)
• Spanish (all) (http://catalog.illinois.edu/graduate/graduate-majors/spanish-port)

Metals
• Art and Design (M.F.A.) (http://catalog.illinois.edu/graduate/graduate-majors/art-design/ma-fine-arts-art-design-all)

Music Composition
• Music (M.Mus. and A.Mus.D.) (http://catalog.illinois.edu/graduate/graduate-majors/music)

Music Theory
• Music (M.Mus.) (http://catalog.illinois.edu/graduate/graduate-majors/music/#majorstext)

Musicology
• Music (M.Mus.) (http://catalog.illinois.edu/graduate/graduate-majors/music/#majorstext)

Back to Top (p. )

N
Back to Top (p. )

O
Back to Top (p. )

P
Painting
• Art and Design (M.F.A.) (http://catalog.illinois.edu/graduate/graduate-majors/art-design/ma-fine-arts-art-design-all)

Performance and Literature
• Music (M.Mus. and A.Mus.D.) (http://catalog.illinois.edu/graduate/graduate-majors/music)

Philosophy of Education (http://catalog.illinois.edu/graduate/graduate-majors/ed-pol-org-leadership/philosophyofeducationconcentration)
• Educational Policy Organization and Leadership (Ed.M., M.A., C.A.S., Ed.D., Ph.D.) (http://catalog.illinois.edu/graduate/graduate-majors/ed-pol-org-leadership)

Photography
• Art and Design (M.F.A.) (http://catalog.illinois.edu/graduate/graduate-majors/art-design/ma-fine-arts-art-design-all)

Piano Pedagogy
• Music (M.Mus.) (http://catalog.illinois.edu/graduate/graduate-majors/music/#majorstext)

Policy Economics
• Economics (M.S.) (http://catalog.illinois.edu/graduate/graduate-majors/economics/ms-policy-econ)

Printmaking
• Art and Design (M.F.A.) (http://catalog.illinois.edu/graduate/graduate-majors/art-design/ma-fine-arts-art-design-all)

Professional Science Master’s (http://catalog.illinois.edu/graduate/graduate-majors/psm/#concentrationtext)
• Agricultural Production (M.S.) (http://catalog.illinois.edu/graduate/graduate-majors/ag-production/#masterstext)
• Bioprocessing & Bioenergy (M.S.) (http://catalog.illinois.edu/graduate/aces/ms_biop-bioe_psm)
• Food Science and Human Nutrition (M.S.) (http://catalog.illinois.edu/graduate/graduate-majors/fshn/ms-conc-pro-science-masters)
• Plant Biotechnology (M.S.) (http://catalog.illinois.edu/graduate/aces/ms_plant-tech_psm)
• Technical Systems Management (M.S.) (http://catalog.illinois.edu/graduate/aces/ms_tech-systems_psm)

Back to Top (p. )

Q
Back to Top (p. )

R
Railway Engineering
• Engineering (M.Eng.) (http://catalog.illinois.edu/graduate/graduate-majors/civil-environ-engin/#concentrationtext)

Real Estate (http://catalog.illinois.edu/graduate/graduate-majors/finance/graduate_concentration_in_real_estate)
• Accountancy (M.A.S. (http://catalog.illinois.edu/graduate/graduate-majors/accountancy/accounting-mas))
• Business Administration (M.B.A. (http://catalog.illinois.edu/graduate/graduate-majors/bus-admin-mba))

Regulation, Sustainability, and Compliance (http://catalog.illinois.edu/graduate/graduate-majors/law/regulation-sustainability-compliance-concentration)
• Master of Laws (LL.M.) (http://catalog.illinois.edu/graduate/graduate-majors/law/master-laws)

Romance Linguistics (http://catalog.illinois.edu/graduate/graduate-majors/romance-ling/#concentrationtext)
• French (Ph.D.) (http://catalog.illinois.edu/graduate/graduate-majors/french-italian/phd-french)

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Graduate Concentrations

• Italian (Ph.D.) (http://catalog.illinois.edu/graduate/graduate-majors/french-italian/phd-italian)
• Linguistics (Ph.D.) (http://catalog.illinois.edu/graduate/graduate-majors/linguistics/#doctoraltext)
• Portuguese (Ph.D.) (http://catalog.illinois.edu/graduate/graduate-majors/spanish-port/#doctoraltext)
• Spanish (Ph.D.) (http://catalog.illinois.edu/graduate/graduate-majors/spanish-port/#doctoraltext)

Social Sciences & Education Policy (http://catalog.illinois.edu/graduate/graduate-majors/ed-pol-org-leadership/socialsciandedpolicyconcentration)
• Educational Policy Organization and Leadership (Ed.M., M.A., C.A.S., Ed.D., Ph.D.) (http://catalog.illinois.edu/graduate/graduate-majors/ed-pol-org-leadership)

Social Studies
• Secondary Education (Ed.M.) (http://catalog.illinois.edu/graduate/graduate-majors/ed-curriculum-inst/secondary-education)

Spanish Linguistics
• Spanish (M.A.) (http://catalog.illinois.edu/graduate/graduate-majors/spanish-port/spanish-linguistics-spanish-linguistics)

Spanish Literatures & Cultures
• Spanish (M.A.) (http://catalog.illinois.edu/graduate/graduate-majors/spanish-port/spanish-concentration-spanish-literatures-cultures)

Supply Chain Management (http://catalog.illinois.edu/graduate/graduate-majors/bus-admin-ms/graduate_concentration_in_supply_chain_mgmt)
• Accountancy (M.A.S., M.S.) (http://catalog.illinois.edu/graduate/graduate-majors/accountancy)
• Business Administration (M.B.A.) (http://catalog.illinois.edu/graduate/graduate-majors/bus-admin-mba) and M.S. (http://catalog.illinois.edu/graduate/graduate-majors/bus-admin-ms)
• Technology Management (M.S.) (http://catalog.illinois.edu/graduate/graduate-majors/bus-admin-ms)

Taxation
• Accountancy (M.A.S.) (http://catalog.illinois.edu/graduate/graduate-majors/accountancy/taxation-concentration)

U.S. Legal Practice Skills (http://catalog.illinois.edu/graduate/graduate-majors/law/legal-practice-skills-concentration)
• Master of Studies in Law (LL.M.) (http://catalog.illinois.edu/graduate/graduate-majors/law/master-studies-law)

Vocal Coaching & Accompanying
• Music (M.Mus. and A.Mus.D.) (http://catalog.illinois.edu/graduate/graduate-majors/music)

Writing Studies (http://catalog.illinois.edu/graduate/graduate-majors/writing-studies/#concentrationtext)
• Art Education (Ph.D.) (http://catalog.illinois.edu/graduate/graduate-majors/art-design/phd-art-ed)
• Art History (Ph.D.) (http://catalog.illinois.edu/graduate/graduate-majors/art-design/phd-art-history)
• Communication (Ph.D.) (http://catalog.illinois.edu/graduate/graduate-majors/communication/#doctoratetext)
• Curriculum & Instruction (Ph.D.) (http://catalog.illinois.edu/graduate/graduate-majors/ed-curriculum-inst/dr-philosophy-curriculum-instruction)
Graduate Concentrations

- English (Ph.D.) (http://catalog.illinois.edu/graduate/graduate-majors/english/#doctoratetext)
- Library and Information Science (Ph.D.) (http://catalog.illinois.edu/graduate/graduate-majors/library-info-sci/#doctoraltext)
- Education Policy, Organization and Leadership (All Programs) (http://catalog.illinois.edu/graduate/graduate-majors/ed-pol-org-leadership)