EDUCATIONAL PSYCHOLOGY: LEARNING ANALYTICS, M.S.

This is a named option in the Educational Psychology M.S. (https://guide.wisc.edu/graduate/educational-psychology/educational-psychology-ms/)

The 24-month online Educational Psychology MS-Learning Analytics program empowers graduates to impact teaching, learning, and policy by breaking down ‘big data’ into dynamic analyses that will help guide decisions and improvements in education. A focus on both quantitative and qualitative courses provides balance and trains students to think critically about educational data science, make calculated analyses, and have meaningful conversations. Students will learn the theoretical perspectives on learning, cognition, and ethical decision-making, as well as practice applying and adapting analytic methodologies and tools, and communicating analysis results with stakeholders.

ADMISSIONS

Please consult the table below for key information about this degree program’s admissions requirements. The program may have more detailed admissions requirements, which can be found below the table or on the program’s website.

Graduate admissions is a two-step process between academic programs and the Graduate School. Applicants must meet the minimum requirements (https://grad.wisc.edu/apply/requirements/) of the Graduate School as well as the program(s). Once you have researched the graduate program(s) you are interested in, apply online (https://grad.wisc.edu/apply/).

<table>
<thead>
<tr>
<th>Requirements</th>
<th>Detail</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall Deadline</td>
<td>The program does not admit in the fall.</td>
</tr>
<tr>
<td>Spring Deadline</td>
<td>The program does not admit in the spring.</td>
</tr>
<tr>
<td>Summer Deadline</td>
<td>May 1</td>
</tr>
<tr>
<td>GRE (Graduate Examinations)</td>
<td>Not Required.</td>
</tr>
<tr>
<td>English Proficiency Test</td>
<td>Every applicant whose native language is not English or whose undergraduate instruction was not in English must provide an English proficiency test score and meet the Graduate School minimum requirements (<a href="https://grad.wisc.edu/apply/requirements/#english-proficiency">https://grad.wisc.edu/apply/requirements/#english-proficiency</a>).</td>
</tr>
<tr>
<td>Other Test(s) (e.g., GMAT, MCAT)</td>
<td>n/a</td>
</tr>
<tr>
<td>Letters of Recommendation Required</td>
<td>2</td>
</tr>
</tbody>
</table>

Admissions criteria for the MS Educational Psychology in Learning Analytics Named Option include:

1. A bachelor’s degree from a regionally accredited U.S. institution or a comparable degree from an international institution is required.

2. A minimum undergraduate grade-point average (GPA) of 3.00 on the equivalent of the last 60 semester hours (approximately two years of work) or a master’s degree with a minimum cumulative GPA of 3.00 is required. Applicants from an international institution must demonstrate strong academic achievement comparable to a 3.00 for an undergraduate or master’s degree.

3. Reasons for graduate study/statement of purpose; not to exceed two pages

4. Curriculum vitae or resume.

5. Transcripts from previous institutions.

FUNDING

GRADUATE SCHOOL RESOURCES

Resources to help you afford graduate study might include assistantships, fellowships, traineeships, and financial aid. Further funding information (https://grad.wisc.edu/funding/) is available from the Graduate School. Be sure to check with your program for individual policies and restrictions related to funding.

PROGRAM RESOURCES

Information on financial aid is available through the UW-Madison Office of Student Financial Aid (https://financialaid.wisc.edu/).

Students enrolled in this program are not eligible to receive tuition remission from graduate assistantship appointments at this institution.

REQUIREMENTS

MINIMUM GRADUATE SCHOOL REQUIREMENTS

Review the Graduate School minimum academic progress and degree requirements (http://guide.wisc.edu/graduate/#policiesandrequirementstext), in addition to the program requirements listed below.

NAMED OPTION REQUIREMENTS

MODE OF INSTRUCTION

Face to Face No Evening/Weekend No Online No Hybrid No Accelerated No

Mode of Instruction Definitions

Accelerated: Accelerated programs are offered at a fast pace that condenses the time to completion. Students are able to complete a program with minimal disruptions to careers and other commitments.

Evening/Weekend: Courses meet on the UW-Madison campus only in evenings and/or on weekends to accommodate typical business
schedules. Students have the advantages of face-to-face courses with the flexibility to keep work and other life commitments.

**Face-to-Face:** Courses typically meet during weekdays on the UW-Madison Campus.

**Hybrid:** These programs combine face-to-face and online learning formats. Contact the program for more specific information.

**Online:** These programs are offered 100% online. Some programs may require an on-campus orientation or residency experience, but the courses will be facilitated in an online format.

## CURRICULAR REQUIREMENTS

<table>
<thead>
<tr>
<th>Requirements</th>
<th>Detail</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum Credit Requirement</td>
<td>30 credits</td>
</tr>
<tr>
<td>Minimum Residence Credit Requirement</td>
<td>30 credits</td>
</tr>
<tr>
<td>Minimum Graduate Coursework Requirement</td>
<td>30 credits must be graduate-level coursework. Details can be found in the Graduate School’s Minimum Graduate Coursework (50%) policy (<a href="https://policy.wisc.edu/library/UW-1244/">https://policy.wisc.edu/library/UW-1244/</a>).</td>
</tr>
<tr>
<td>Overall Graduate GPA Requirement</td>
<td>3.00 GPA required. This program follows the Graduate School’s GPA Requirement policy (<a href="https://policy.wisc.edu/library/UW-1203/">https://policy.wisc.edu/library/UW-1203/</a>).</td>
</tr>
<tr>
<td>Other Grade Requirements</td>
<td>n/a</td>
</tr>
<tr>
<td>Assessments and Examinations</td>
<td>No formal examinations are required. However, students complete an in-depth capstone project.</td>
</tr>
<tr>
<td>Language Requirements</td>
<td>No language requirements.</td>
</tr>
</tbody>
</table>

## REQUIRED COURSES

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summer I</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ED PSYCH 501</td>
<td>Thinking and Learning</td>
<td>3</td>
</tr>
<tr>
<td>Fall I</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ED PSYCH 560</td>
<td>Foundations of Quantitative and Qualitative Research Methods</td>
<td>6</td>
</tr>
<tr>
<td>Spring I</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ED PSYCH 525</td>
<td>Learning Analytics Theory and Practice</td>
<td>6</td>
</tr>
<tr>
<td>Summer II</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ED PSYCH 551</td>
<td>Quantitative Ethnography</td>
<td>3</td>
</tr>
<tr>
<td>Fall II</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ED PSYCH 575</td>
<td>Instructional Design for Learning Analytics</td>
<td>3</td>
</tr>
<tr>
<td>ED PSYCH 615</td>
<td>Conversations and Visualizations</td>
<td>3</td>
</tr>
<tr>
<td>Spring II</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ED PSYCH 695</td>
<td>Capstone in Learning Analytics</td>
<td>6</td>
</tr>
<tr>
<td><strong>Total Credits</strong></td>
<td></td>
<td><strong>30</strong></td>
</tr>
</tbody>
</table>

Students in this program may not take courses outside the prescribed curriculum without faculty advisor and program director approval.

Students in this program cannot enroll concurrently in other undergraduate, graduate or certificate programs.

## POLICIES

### GRADUATE SCHOOL POLICIES

The Graduate School’s Academic Policies and Procedures (https://grad.wisc.edu/acadpolicy/) provide essential information regarding general university policies. Program authority to set degree policies beyond the minimum required by the Graduate School lies with the degree program faculty. Policies set by the academic degree program can be found below.

### NAMED OPTION-SPECIFIC POLICIES

#### PRIOR COURSEWORK

**Graduate Work from Other Institutions**

No credits from other institutions are allowed to count toward the degree.

**UW–Madison Undergraduate**

This program follows the Graduate School’s policy for Satisfying Requirements with Coursework from Undergraduate Career at UW–Madison. (https://policy.wisc.edu/library/UW-1216/)

**UW–Madison University Special**

No credits taken as a UW–Madison University Special student are allowed to count toward the degree.

#### PROBATION

This program follows the Graduate School’s Probation policy. (https://policy.wisc.edu/library/UW-1217/)

#### ADVISOR / COMMITTEE

This program follows the Graduate School’s Advisor policy (https://policy.wisc.edu/library/UW-1232/).

### CREDITS PER TERM ALLOWED

12 credits

### TIME LIMITS

This program follows the Graduate School’s Time Limits policy. (https://policy.wisc.edu/library/UW-1221/)

### GRIEVANCES AND POLICIES

These resources may be helpful in addressing your concerns:

- Bias or Hate Reporting (https://doso.students.wisc.edu/bias-or-hate-reporting/)
- Graduate Assistantship Policies and Procedures (https://hr.wisc.edu/policies/gapp/#grievance-procedure)
- Hostile and Intimidating Behavior Policies and Procedures (https://hr.wisc.edu/hib/)
- Office of the Provost for Faculty and Staff Affairs (https://facstaff.provost.wisc.edu/)
- Dean of Students Office (https://doso.students.wisc.edu/) (for all students to seek grievance assistance and support)
- Employee Assistance (http://www.eao.wisc.edu/) (for personal counseling and workplace consultation around communication and conflict involving graduate assistants and other employees, post-doctoral students, faculty and staff)
Any student who feels that they have been treated unfairly by a faculty or staff member has the right to complain about the treatment and to receive a prompt hearing of the grievance, following these grievance procedures. The complaint may concern course grades, classroom treatment, program admission, or other issues. To insure a prompt and fair hearing of any complaint, and to protect both the rights of the student and the person at whom the complaint is addressed, the procedures below are used in the School of Education.

The person whom the complaint is directed against must be an employee of the School of Education. Any student or potential student may use these procedures unless the complaint is covered by other campus rules or contracts. The following steps are available within the School of Education when a student has a grievance:

1. The student should first talk with the person against whom the grievance is directed. Most issues can be settled at this level. If the complaint is directed against a teaching assistant, and the student is not satisfied, the next step would be to talk to the TA’s supervisor, who is usually the course professor. If the complaint is not resolved satisfactorily, the student may continue to step 2.

2. If the complaint does not involve an academic department, the procedure outlined in Step 4 below should be followed. If the complaint involves an academic department, the student should contact the chair of the department. The chair will attempt to resolve the problem informally. If this cannot be done to the student’s satisfaction, the student may submit the grievance to the chair in writing. This must be done within 60 calendar days of the alleged unfair treatment.

3. On receipt of a written complaint, the chair will refer the matter to a departmental committee, which will obtain a written response from the person at whom the complaint is directed. This response shall be shared with the person filing the grievance. The chair will provide a timely written decision to the student on the action taken by the committee.

4. If either party is not satisfied with the decision of the department, they have five working days from receipt of the decision to contact the dean’s office (at the number below), indicating the intention to appeal. If the complaint does not involve an academic department in the school, the student must contact the dean’s office within 60 calendar days of the alleged unfair treatment.

5. In either case, there will be an attempt to resolve the issue informally by the associate dean. If this cannot be done, the complaint can be filed in writing with the dean’s office. This must be done within 10 working days of the time the appealing party was notified that informal resolution was unsuccessful.

6. On receipt of such a written complaint, the associate dean will convene a subcommittee of the school’s Equity & Diversity Committee. This subcommittee may ask for additional information from the parties involved and may hold a hearing at which both parties will be asked to speak separately. The subcommittee will then make a written recommendation to the dean of the School of Education who will render a decision. Unless a longer time is negotiated, this written decision shall be made within 20 working days from the date when the grievance was filed with the dean’s office.

Questions about these procedures can be directed to the School of Education Dean’s Office, 377 Education Building, 1000 Bascom Mall, 608-262-1763.

State law contains additional provisions regarding discrimination and harassment. Wisconsin Statutes 36.12 reads, in part: “No student may be denied admission to, participation in or the benefits of, or be discriminated against in any service, program, course or facility of the system or its institutions or center because of the student’s race, color, creed, religion, sex, national origin, disability, ancestry, age, sexual orientation, pregnancy, marital status or parental status.” In addition, UW–System prohibits discrimination based on gender identity or expression. Students have the right to file discrimination and harassment complaints with the Office of Compliance (https://compliance.wisc.edu/), 361 Bascom Hall, 608-265-6018, uwcomplianceoffice@wisc.edu.

OTHER
n/a

PROFESSIONAL DEVELOPMENT

GRADUATE SCHOOL RESOURCES
Take advantage of the Graduate School’s professional development resources (https://grad.wisc.edu/pd/) to build skills, thrive academically, and launch your career.

PROGRAM RESOURCES
Please go to the program site (https://learninganalytics.education.wisc.edu/) to see the professional development resources available to our graduate students.

Graduate students within the online Educational Psychology MS-Leaning Analytics program have full access to all student services at UW-Madison. These include:

- Office of Diversity and Inclusion (https://education.wisc.edu/about/diversity-inclusion/)
- MERIT Library (https://merit.education.wisc.edu/)
- The Writing Center (https://writing.wisc.edu/)
- MCBurney Disability Resource Center (https://mcburney.wisc.edu/)
- School of Education Career Center (https://careercenter.education.wisc.edu/)
- Adult Career and Special Student Services (https://acsss.wisc.edu/)
PEOPLE

Program Director/Learning Analytics Advisor: Dr. Julia Rutledge

See a listing of Learning Analytics faculty and instructors here (https://learninganalytics.education.wisc.edu/faculty-and-contributors/).