



LCC INTERNATIONAL UNIVERSITY RESEARCH MODEL, QUALITY ASSURANCE AND METRICS

In order to fulfill LCC International University Research Strategy 2024-2029 goals, the university relies on the below research model and quality assurance system.

RESEARCH MODEL:

LCC International University (hereinafter LCC) follows the interactive model promoted by the American educational scholar Ernest Boyer.¹ Boyer's model calls for the pursuit of balanced interaction among four elements: 1) **the scholarship of discovery** (building new knowledge through original research), 2) **the scholarship of integration** (synthesis of research for publishing purposes or designing/delivering curriculum), 3) **the scholarship of application** (aiding society through applied research and in consulting/advising capacities as experts in the field), and 4) **the scholarship of teaching** (published/presented classroom research, advising of student research in the area of expertise, developing/designing instructional and program-level methods and assessments that advance learning). LCC finds Boyer's approach applicable in linking scholarship and current best practice to its program curriculum aims and objectives for student learning outcomes.

	Scholarship of Discovery	Scholarship of Integration	Scholarship of Application	Scholarship of Teaching
Definition	Building knowledge through traditional research publicly available for peer review and critique.	Usage of knowledge across disciplines, across topics within the discipline, across time.	Application of discipline expertise, aiding society and professionals in addressing problems.	Systematic study of teaching and learning processes to achieve optimal learning.
What question does it answer?	What is it to be known?	What do these findings mean?	How can knowledge be applied to consequential problems?	How can this knowledge not only be transmitted, but also transformed and extended?
LCC examples	<ul style="list-style-type: none"> • Publication of articles, monographs • Conference presentations • Empirical studies 	<ul style="list-style-type: none"> • Composition of edited volumes • Publication of textbooks, encyclopedia articles • Collaboration in research projects/ grants • Collaborative interdisciplinary publications • Organization of interdisciplinary academic conferences 	<ul style="list-style-type: none"> • Leading workshops, seminars, any other regional impact based on faculty research • Membership in professional organizations • Participation in editorial boards • Participation in state, municipality or other public organization working groups • Consultancy 	<ul style="list-style-type: none"> • Thesis advising • Preparation of course curriculum • Co-authorship with students • Student theses/ research informed by faculty research • Facilitation of innovative, research-based pedagogy as a key aspect of artes liberales model that develops students' thinking, knowledge and other soft skills.

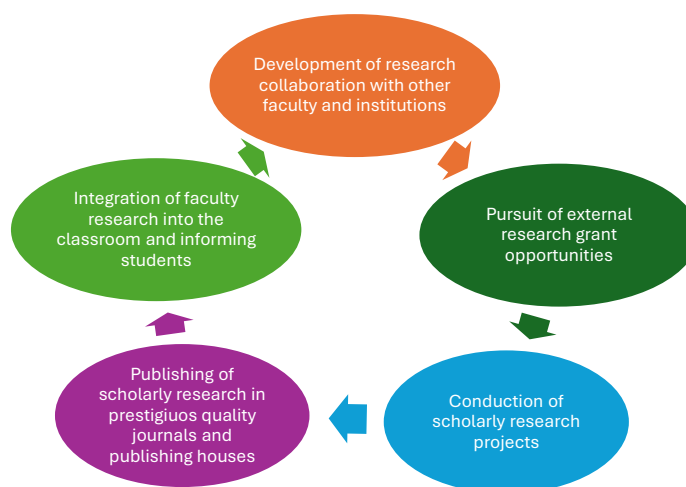
¹ Boyer Ernest L., *Scholarship Reconsidered: Priorities of the Professoriate* (Princeton University Press, 1990), retrieved on 2024-10-30, <https://eric.ed.gov/?id=ED326149>

LCC RESEARCH QUALITY ASSURANCE:

Research Continuous Improvement Cycle Mode

Based on Boyer's Scholarship model, LCC is committed to conducting research in Research Continuous Improvement Cycle Mode. This cycle entitles LCC faculty members to:

STEP	PURPOSE	KEY PERFORMANCE INDICATOR
Seek research collaborations	To maintain collegiality and gain more robust research opportunities	As set in LCC International University Action Plan for Research Grants And Research Networks 2025-2030. ²
Seek research grant opportunities	To have an opportunity to conduct bigger scale research projects with partners and make a greater impact	
Conduct original (and) applied research	To disseminate knowledge to the public and make regional impact	As set in LCC policy Nr. AC 1.11 Certification Regulations for All Faculty. ³
Publish high-quality original research in respected journals and publishing houses	To contribute to academia, to make teaching more current and informed, and to make regional impact	As set in the below section on Research Metrics.
Integrate their own research into the subjects taught in the classroom, as well as inform student theses	To encourage students to get involved in research and by that to contribute to raising a new generation of scholars	<ul style="list-style-type: none"> • At least 60% of each department's faculty research is integrated into the program curriculum annually. • At least 30% of each department faculty present their research at international, local or internal (LCC) academic events (academic conferences, workshops, symposiums, lectures, etc.) annually. • At least 10% of each department's students' theses are informed by their faculty research.



² "LCC International University Action Plan for Research Grants and Research Networks 2025-2030", *LCC International University*

³ AC. 1.11 Certification Regulations for All Faculty," *LCC International University*

RESEARCH METRICS:

LCC research metrics are congruent with legal acts of the Republic of Lithuania^{4,5,6} and LCC academic policies.^{7,8,9}

Research Quantity

LCC research quantity metrics are described in LCC policy AC 1.11 Certification Regulations for All Faculty, as well as in LCC policy AC 1.03 Faculty Rank and Promotion policy.

Research quantity key performance indicator is audited every 5 years and is calculated by the below formula:

$$(3X+2Y+1Z+5K+3N)$$

*X - number of faculty in the rank of Professor, Y - number of faculty in the rank of Associate Professor, Z - number of permanent faculty in the rank of Assistant Professor, K - number of chief researchers, N - number of senior researchers.

Research Quality

LCC internally measures faculty research quality by the following factors:

1. If publication is international
2. If publication is peer-reviewed
3. If publication is indexed in Scopus or Web of Science
4. If publication impacts the region
5. By publication's impact factor

Additionally, LCC utilizes an external metric, used by the Lithuanian Research Council to evaluate universities' research presented through the annual Research Formative Assessment Reports. The Lithuanian Research Council evaluates publications by a set of criteria¹⁰, by which different scores are given to various types of publications, depending on their research area, publication length, impact factor and other indicators. For example, the highest scores for publications are given to monographs published in international printing houses; articles published in journals which are included in databases such as Web of Science or Scopus are given more points than other peer-reviewed articles.

Finally, LCC relies on external Comparative Expert Research Evaluation, conducted every 5 years by the Lithuanian Research Council.¹¹

⁴ „Studijų ir mokslo įstatymas“, LRS, retrieved on 2024-12-02, <https://e-seimas.lrs.lt/portal/legalAct/lt/TAD/TAIS.343430/asr>

⁵ „Švietimo, mokslo ir sporto ministro įsakymas dėl studijų išorinio vertinimo ir akreditavimo tvarkos aprašo, vertinamųjų sričių ir rodiklių patvirtinimo“, LRS, retrieved on 2024-12-02, <https://e-seimas.lrs.lt/portal/legalact/lt/tad/69729d50a8ca11e9aab6d8dd69c6da66/asr>

⁶ „Švietimo, mokslo ir sporto ministro įsakymas dėl rekomendacijų aukštųjų mokyklų dėstytojų darbo laiko sandarai patvirtinimo“, LRS, retrieved on 2024-12-02, <https://e-seimas.lrs.lt/portal/legalAct/lt/TAD/eofadb6293bd11eaa51db668f0092944/asr>

⁷ „AC. 1.12 Faculty Load Policy“, LCC International University

⁸ „AC. 1.11 Certification Regulations for All Faculty“, LCC International University

⁹ „AC. 1.03 Faculty Rank and Promotion Policy“, LCC International University

¹⁰ „Švietimo, mokslo ir sporto ministro įsakymas dėl Lietuvos respublikos vyriausybės 2017 m. kovo 1 d. Nutarimo Nr. 149 „dėl Lietuvos respublikos mokslo ir studijų įstatymo įgyvendinimo“ 2.3 ir 2.4 papunkčių įgyvendinimo“, LRS, retrieved on 2024-12-02, <https://www.e-tar.lt/portal/lt/legalAct/e4367a300bbe11ec9f09e7df20500045/asr>

¹¹ „Švietimo, mokslo ir sporto ministro įsakymas dėl Lietuvos respublikos vyriausybės 2017 m. kovo 1 d. Nutarimo Nr. 149 „dėl Lietuvos respublikos mokslo ir studijų įstatymo įgyvendinimo“ 2.3 ir 2.4 papunkčių įgyvendinimo“, LRS, retrieved on 2024-12-02, <https://www.e-tar.lt/portal/lt/legalAct/e4367a300bbe11ec9f09e7df20500045/asr>

The procedure for faculty reporting their research to LCC is set in the policy AC 1.07 Research Productivity Related Data Management.¹²

Research Quality Key Performance Indicators are audited annually and are the following:

1. At least 90% of all LCC faculty research is peer-reviewed.
2. At least 80% of all LCC faculty published research is published in international journals or publishing houses.
3. At least 50% of all LCC faculty research is indexed in Scopus or Web of Science.
4. At least 20% of all LCC faculty research is related to the region, as described in LCC Regional Impact Statement.¹³
5. At least 1 scholarly article is among the 10 percent of the most cited scientific articles in the world according to the scientific directions of the Organization for Economic Cooperation and Development (OECD) and is published in a scientific journal included in the Web of Science Master Journal List by Clarivate (WoS JCR).¹⁴

Created: 2024-12-06

Last updated and reviewed by Academic Council: 2025-01-20

¹² “AC 1.07. Research Productivity Related Data Management.” *LCC International University*

¹³ “LCC Regional Impact Statement.” *LCC International University*.

¹⁴ „Švietimo, mokslo ir sporto ministro įsakymas dėl Lietuvos respublikos vyriausybės 2017 m. kovo 1 d. Nutarimo Nr. 149 „dėl Lietuvos respublikos mokslo ir studijų įstatymo įgyvendinimo“ 2.3 ir 2.4 papunkčių įgyvendinimo“, LRS, retrieved on 2024-12-02, <https://www.e-tar.lt/portal/lt/legalAct/e4367a300bbe11ec9f09e7df20500045/asr>