LAU
الجامعة اللبنانية الأميركية
Lebanese American University

Alice Ramez Chagoury
School of **Nursing**



ANNUAL REPORT

2024 – 2025

Alice Ramez Chagoury School of Nursing

Lebanese American University

Contents

MESSAGES

A Message from the Dean 3

A Message from the Nursing Program Director 4

BY THE NUMBERS

2024-2025 at a Glance 5

Trends in Enrollment Data 5

Retention Rates 6

Graduation Rates 7

Colloquium Pass Rates 7

Trends in Employment Rates 8

Student Satisfaction with LAU Academic Services 8

AACN/Benchworks Exit Survey Results
Satisfaction Factors
Learning Factors
Overall Factors: Five-Year Trend
AACN Essentials 2021 Domain Performance

RESEARCH

Peer Review Recent Publications 10

LIFE AT ARCSON

Nursing in Action: Community Engagement 12

Shaping the Next Generation of Nurses 14

2025 Nursing Recognition and Pinning Ceremony: From Adversity to Advocacy 15

Breastfeeding Support Room Initiative 16

Nursing Summer Camp 2025: Opening Doors to Nursing 16

Undergraduate Research Engagement 17

MESSAGES

A Message from the Dean

Our students, faculty, and staff demonstrated remarkable resilience, determination, and commitment to excellence.



Dean
Alice Ramez Chagoury School of Nursing

The 2024-2025 academic year will be remembered as a period of extraordinary challenges and uncertainty for Lebanon. Yet, amid difficult circumstances, our students, faculty, and staff demonstrated remarkable resilience, determination, and commitment to excellence.

I am particularly proud of our nursing students, who continued to pursue their education with perseverance and professionalism despite the disruptions brought about by the war. Their ability to adapt, support one another, and remain focused on their academic and clinical responsibilities reflects the core values of the nursing profession: compassion, courage, and service.

Throughout the year, our students distinguished themselves through academic achievement, clinical excellence, community engagement, leadership activities, and research accomplishments. Their contributions, supported by the dedication of our faculty, have strengthened our School's mission of preparing highly competent nurses who are equipped to meet the evolving healthcare needs of Lebanon and beyond.

As we reflect on this year's accomplishments, we celebrate not only the successes recorded in these pages but also the resilience and spirit that made them possible. I extend my sincere gratitude to our students, faculty, staff, alumni, and partners for their unwavering commitment to excellence. Together, we continue to advance nursing education, research, and service while building a brighter future for healthcare in our communities.

MESSAGES

A Message from the Nursing Program Director

Our students, faculty, staff, and clinical partners demonstrated remarkable resilience, professionalism, and dedication to nursing education and healthcare service.



Nursing Program Director
Alice Ramez Chagoury School of Nursing

The 2024–2025 academic year tested the strength, adaptability, and commitment of our nursing community as Lebanon navigated a period of conflict and instability. Despite these circumstances, our students, faculty, staff, and clinical partners demonstrated remarkable resilience, professionalism, and dedication to nursing education and healthcare service.

Throughout the year, we remained focused on our mission to prepare competent, compassionate, and practice-ready nurses while ensuring continuity of learning, supporting student success, and maintaining the highest standards of academic quality. Our community adapted with flexibility, strengthened collaboration, and continued to advance teaching, scholarship, service, and clinical excellence.

I extend my sincere appreciation to our faculty, students, alumni, healthcare partners, and university leadership for their dedication and unwavering support. Their collective efforts enabled us not only to overcome challenges but also to continue moving our program forward.

As we reflect on this year, we remain inspired by the strength of our nursing community and committed to shaping the next generation of nursing leaders who will contribute to improving health outcomes in Lebanon and beyond.

BY THE NUMBERS

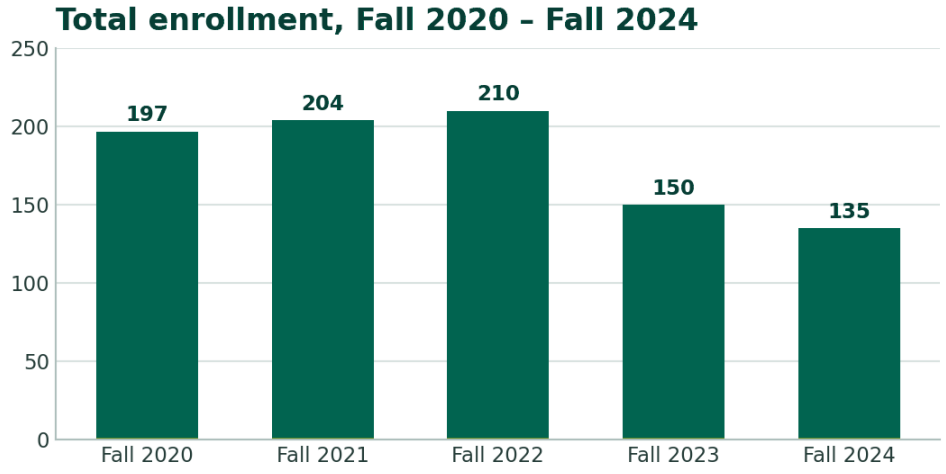
2024-2025 at a Glance

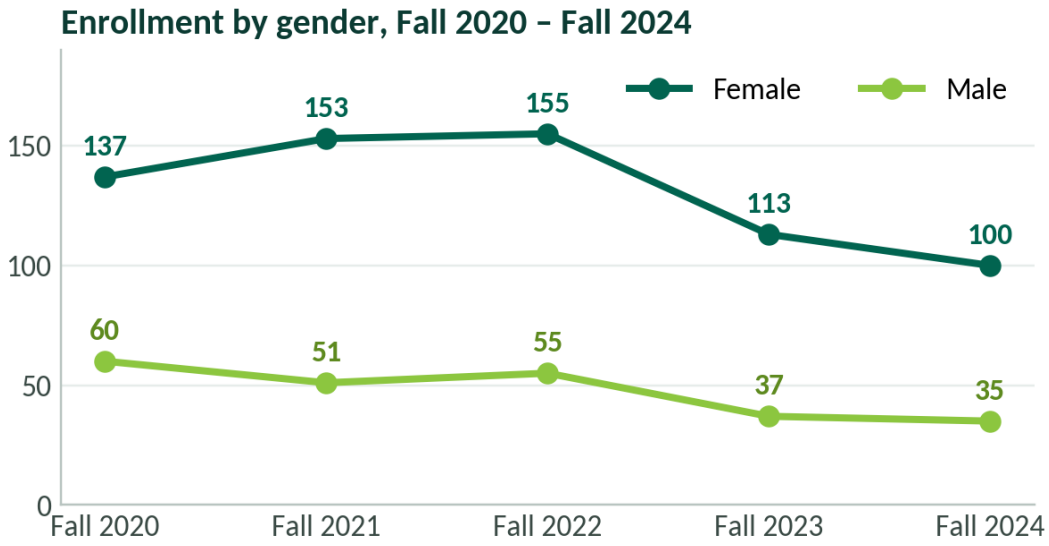
135	46	88%	100%	96%
Students enrolled Fall 2024	**Graduates** 2024–2025	**Retention, same program** 2024–2025 cohort	**Colloquium pass rate, first attempt** 2024	**Employed within 12 months** 2023–2024 graduates

Source: Department for Institutional Research and Assessment (DIRA), Lebanese American University.

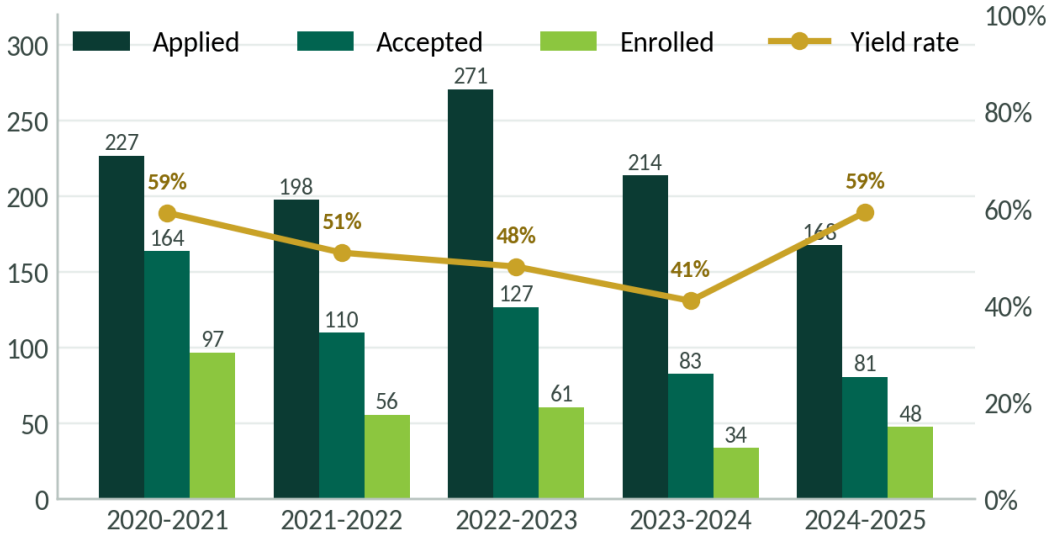
BY THE NUMBERS

Trends in Enrollment Data





Applied, accepted, enrolled and yield rate, 2020-2021 to 2024-2025

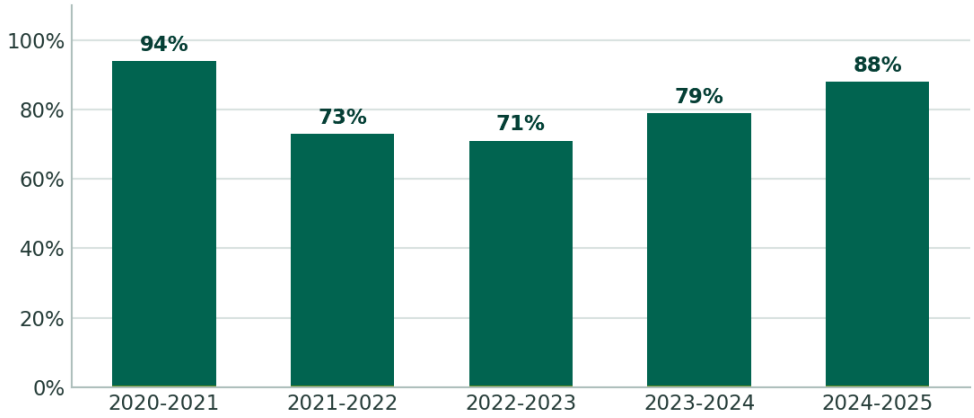


Source: Department for Institutional Research and Assessment (DIRA), Lebanese American University.

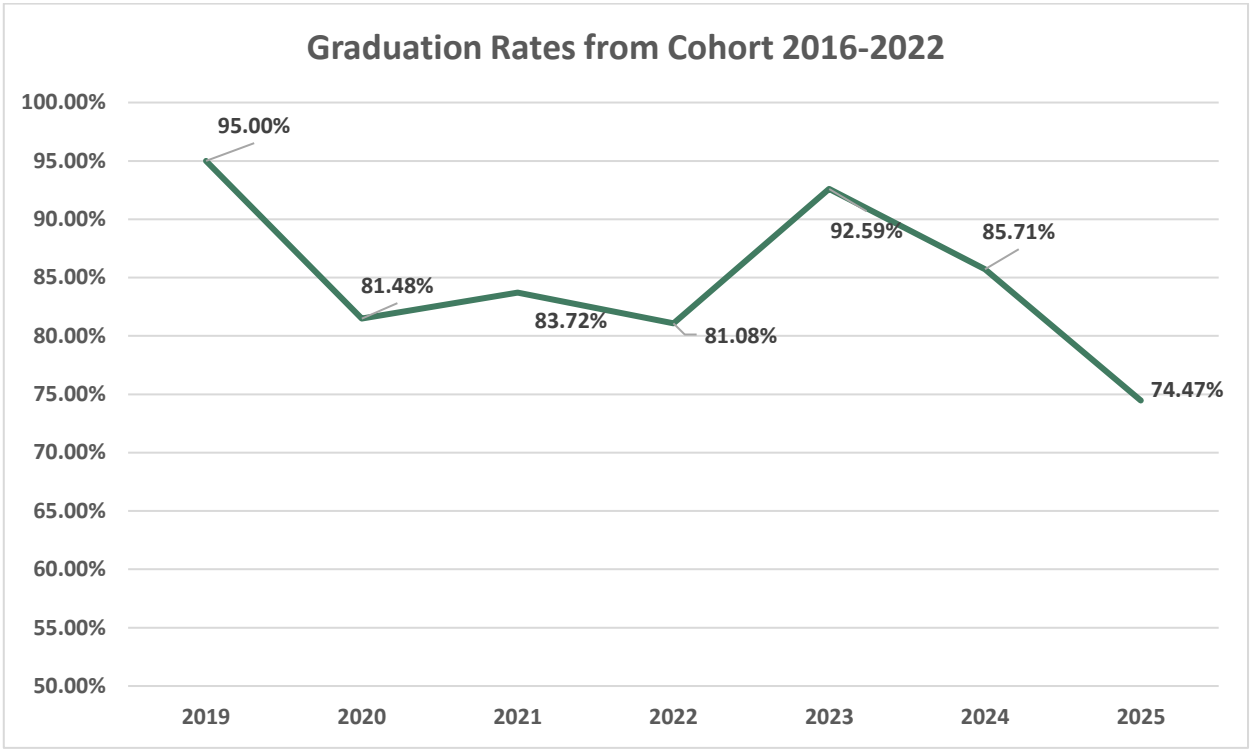
BY THE NUMBERS

Retention Rates

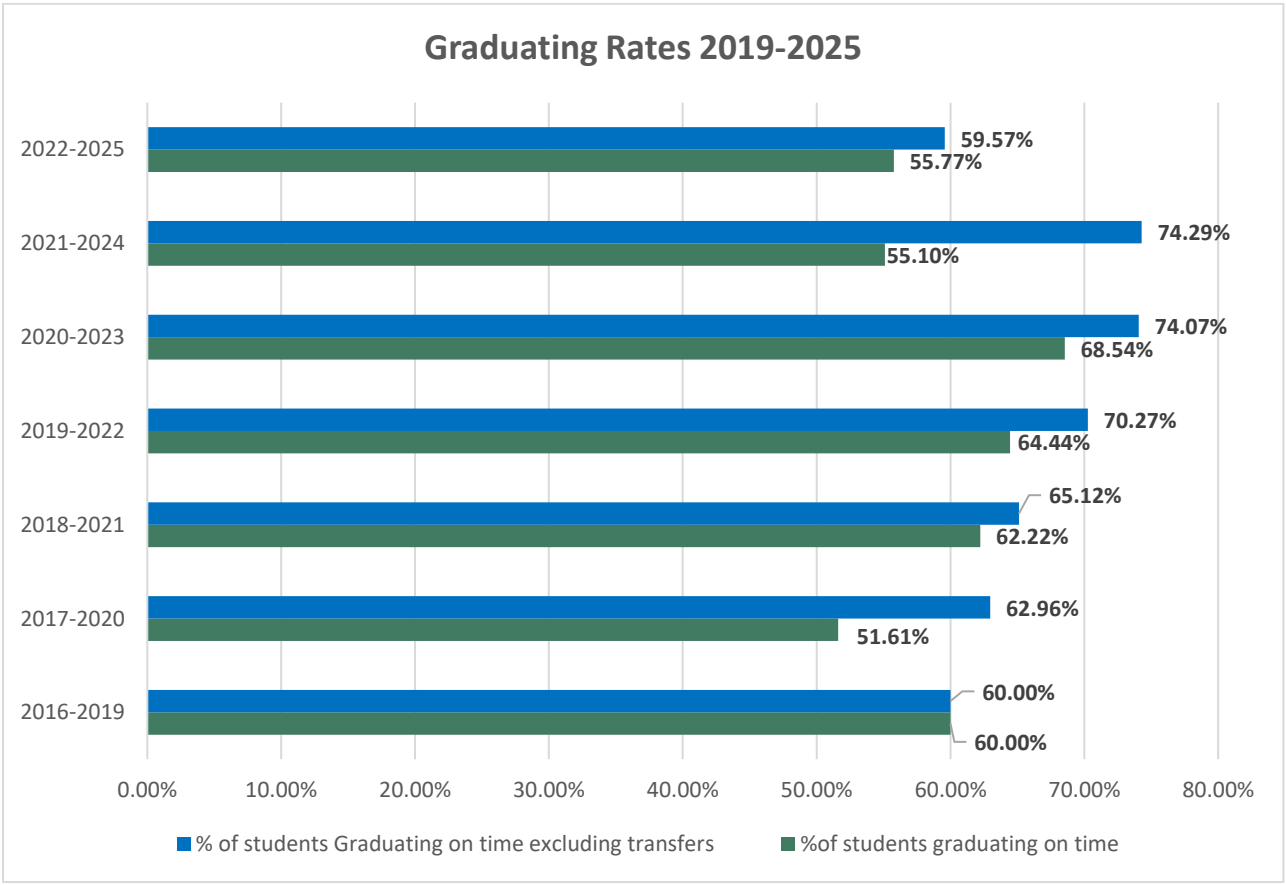
Retention rate (same program) by entering cohort



Graduation Rates

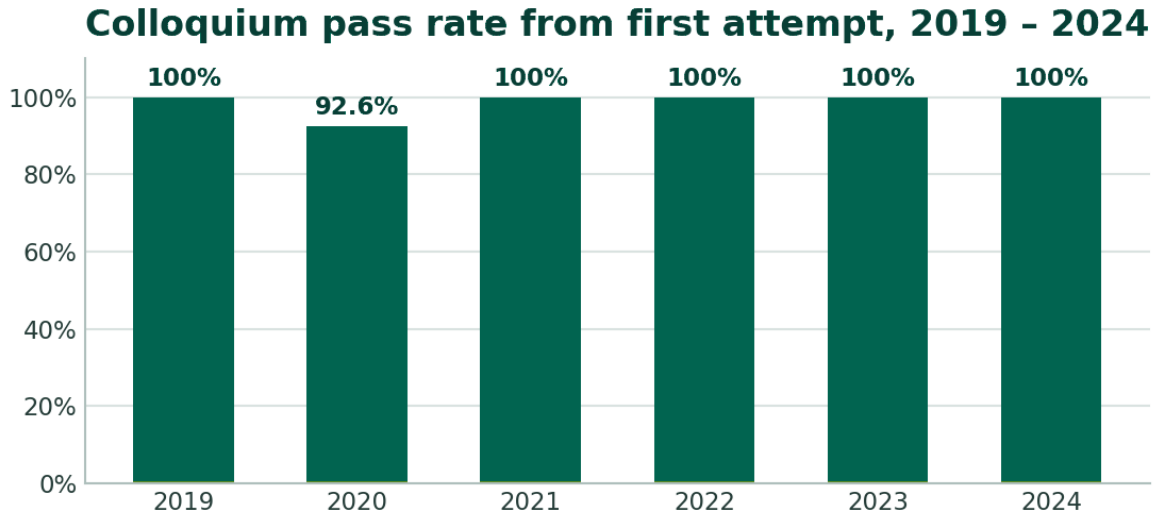


Source: Department for Institutional Research and Assessment (DIRA), Lebanese American University.



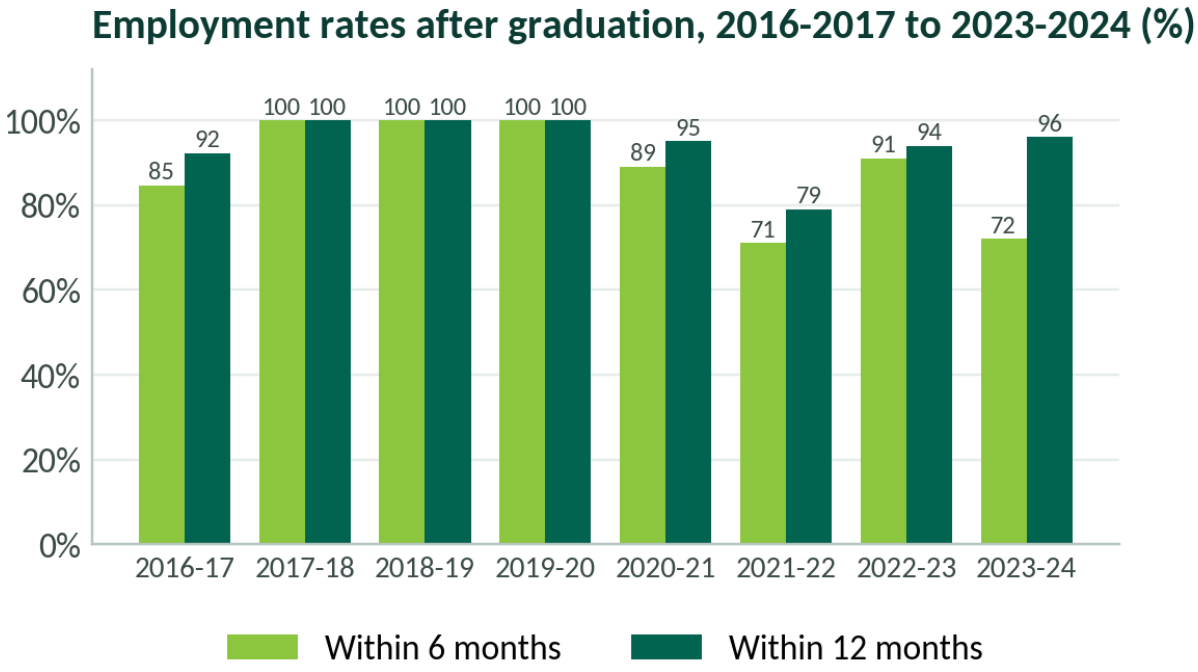
BY THE NUMBERS

Colloquium Pass Rates



Source: Department for Institutional Research and Assessment (DIRA), Lebanese American University.

Trends in Employment Rates



Source: Department for Institutional Research and Assessment (DIRA), Lebanese American University.

Student Satisfaction with LAU

Academic Services

Share of students satisfied: ■ 90% or more ■ 80–89% ■ 70–79% ■ Below 70% – Not surveyed

Survey item	2018–19	2019–20	2020–21	2021–22	2022–23	2023–24	2024–25
Faculty command of knowledge	69%	93%	97%	92%	90%	94%	93%
Faculty use of innovative teaching methods	68%	89%	94%	87%	88%	88%	91%
The quality of instruction in non-major courses	85%	93%	97%	95%	88%	90%	93%
The quality of instruction in language courses	69%	85%	97%	92%	86%	88%	91%
The quality of internship experiences	100%	96%	97%	83%	85%	96%	88%
The accessibility of faculty members	94%	100%	94%	87%	84%	84%	93%
The quality of instruction in major courses	74%	96%	85%	95%	84%	90%	89%
The challenge and thoroughness of the curriculum	79%	93%	82%	82%	84%	84%	89%
The quality of computer labs	79%	70%	97%	79%	84%	84%	86%
The quality of advising by staff academic advisors in the Dean of Students' office	79%	95%	92%	74%	83%	88%	95%
The quality of lab experiences	89%	89%	97%	89%	82%	96%	93%
The quality of advising by faculty members	86%	89%	76%	64%	73%	84%	91%
The workload of the program	63%	82%	59%	76%	68%	82%	69%
The use of diverse digital tools (e.g. Applications, Blackboard, Assessment Tools, Simulations, SPSS…etc.)	–	–	–	–	–	92%	98%

Source: Department for Institutional Research and Assessment (DIRA), Lebanese American University.

LAU services

Survey item	2018–19	2019–20	2020–21	2021–22	2022–23	2023–24	2024–25
Your school/department	68%	86%	71%	79%	77%	76%	76%
Placement services	73%	81%	89%	83%	73%	86%	86%
Classrooms	–	–	–	–	–	86%	91%
Leadership and volunteerism	100%	92%	94%	79%	79%	–	–
Financial Aid & Scholarships offices services	89%	100%	88%	82%	73%	88%	86%
Registration Process	89%	86%	91%	85%	76%	–	–
Athletics and Sport Facilities	76%	86%	92%	88%	85%	88%	81%
Counseling Services	–	–	–	83%	65%	89%	79%
Registrar's office	89%	96%	97%	82%	90%	90%	80%
Cafeteria	–	–	–	–	–	90%	89%
Library	–	–	–	–	–	90%	93%
Community Service & Engagement	–	–	–	–	–	91%	97%
International services	60%	77%	100%	74%	73%	92%	95%
Student Council/ Governance Effectiveness	–	–	–	82%	71%	–	–
Academic Success Center	76%	73%	92%	89%	79%	92%	88%
Career Development	60%	77%	83%	71%	75%	93%	92%
Business office	100%	100%	91%	85%	78%	96%	84%
Residence Halls (Dorms)	88%	27%	81%	76%	83%	96%	89%
Writing Center	–	–	–	–	–	97%	94%
Outdoor space	–	–	–	–	–	98%	95%
Student events and clubs	95%	82%	94%	68%	86%	–	–
Admissions office	–	–	–	–	–	–	95%

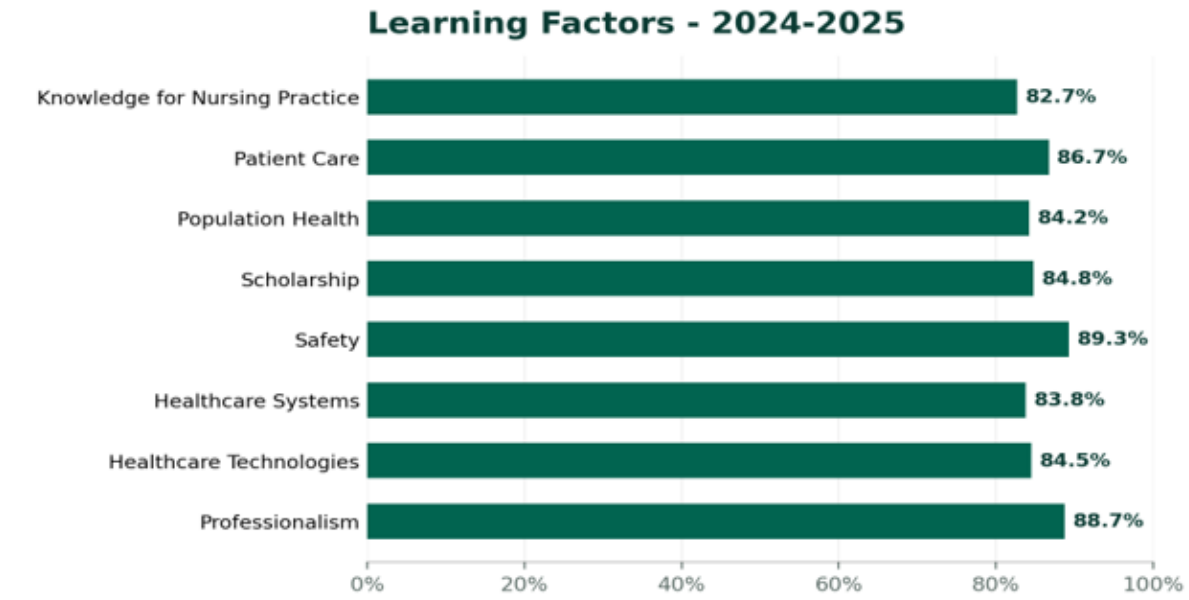
Source: Department for Institutional Research and Assessment (DIRA), Lebanese American University.

BY THE NUMBERS

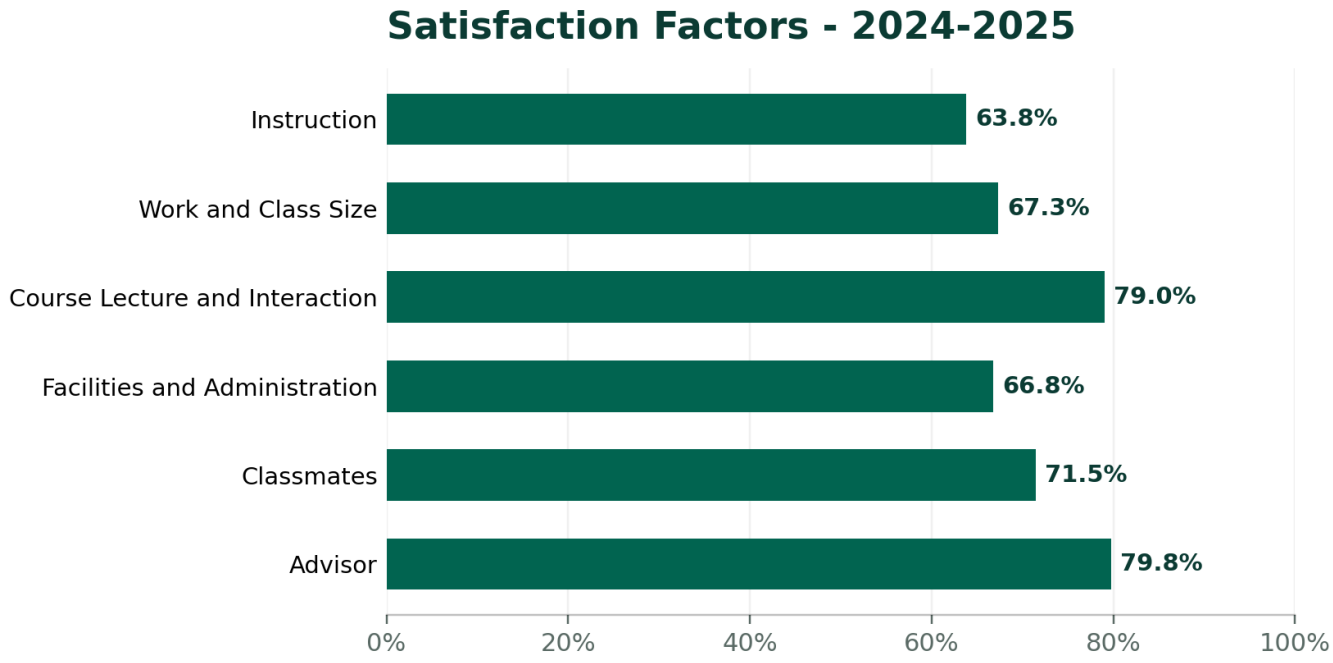
AACN/Benchworks Exit Survey Results

The 2024-2025 AACN/Benchworks Undergraduate Nursing Education Exit Assessment provides student-reported measures of satisfaction, learning, overall program effectiveness, and performance aligned with the AACN Essentials (2021). The graphs below summarize ARCSON institutional performance and longitudinal trends.

Student-Reported Learning Factors

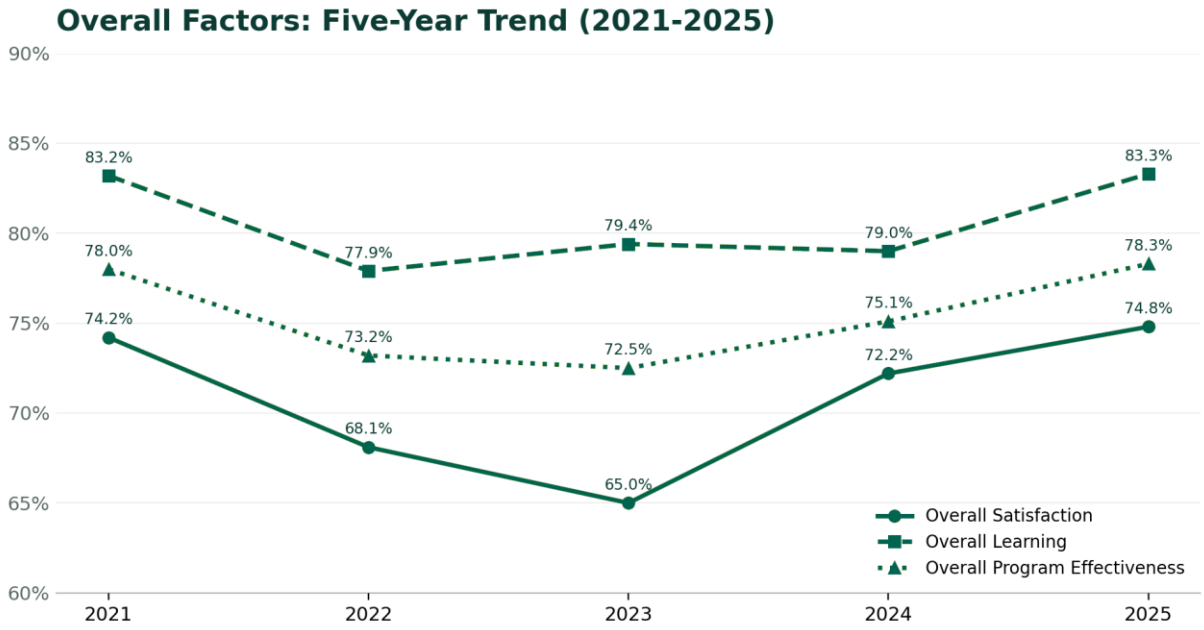


Source: 2024-25 AACN/Benchworks Undergraduate Nursing Education Exit Assessment, Lebanese American University.



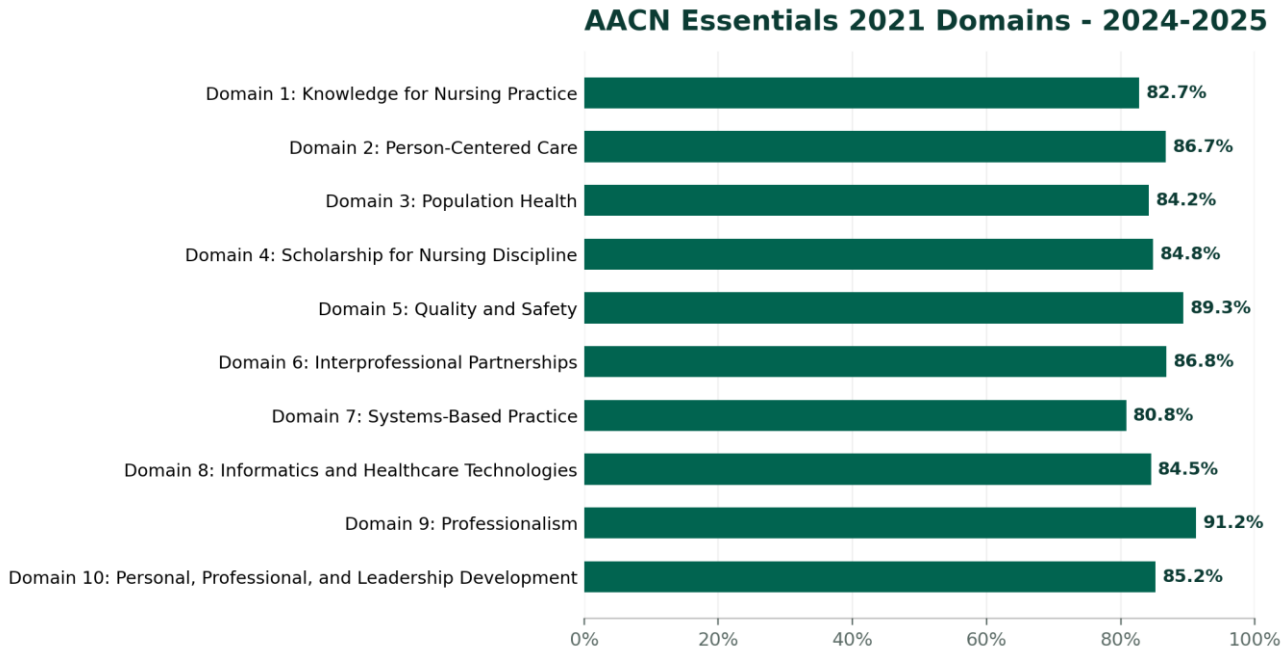
BY THE NUMBERS

Overall Factors: Five-Year Trend



Note: Five-year trend covers 2021-2025. Source: 2024-25 AACN/Benchworks Undergraduate Nursing Education Exit Assessment, Lebanese American University.

AACN Essentials 2021 Domain Performance



Source: 2024-25 AACN/Benchworks Undergraduate Nursing Education Exit Assessment, Professional Standards: AACN Essentials, 2021 Edition.

RESEARCH

Peer Review Recent Publications

Dr. Costantine Daher

1. Lteif, A., Shebaby, W., El Hage, M., … Mroueh, M., **Daher, C.F.** (2024). Lebanese cannabis oil as a potential treatment for acute myeloid leukemia: In vitro and in vivo evaluations. Journal of Ethnopharmacology, 333, 118512.
2. Slika, A., Haydar, C., Chacra, J.B., … Aldrich-Wright, J.R., **Daher, C.F.** (2024). Unveiling the chemotherapeutic potential of two platinum(IV) complexes in skin cancer: in vitro and in vivo Insights. Current Research in Pharmacology and Drug Discovery, 2024, 7, 100205.
3. Elias, M.G., Mehanna, S., Nasser, S., **Daher, C.F.**, Khnayzer, R.S. (2024). A Ru(II) Polypyridyl Complex Bearing Bathocuproine Ligand is a Potent Chemotherapeutic Agent Against Chemically Induced Skin Cancer Model. Advanced Therapeutics.
4. Ismail, J., Shebaby, W.N., Daher, J., … **Daher, C.F.**, Mroueh, M. (2024). The Wild Carrot (Daucus carota): A Phytochemical and Pharmacological Review. Plants, 13(1), 93.
5. Najwa Mansour, Stephanie Mehanna, Kikki Bodman-Smith, **Costantine F. Daher**, Rony S. Khnayzer (2024). A Ru(II) strained complex with 2,9-diphenyl-1,10-phenanthroline ligand induces selective photoactivatable chemotherapeutic activity on human alveolar carcinoma cells via apoptosis. Pharmaceutical. 17(1), 50.
6. Joy Baz, Aleen Khoury, Maria George Elias, Najwa Mansour, Stephanie Mehanna, Omar Hammoud, Christopher P. Gordon, Robin I. Taleb, Janice R. Aldrich-Wright and **Costantine F. Daher** (2024). Polyaromatic Platinum(II) Complex and its Platinum(IV) Prodrug Against Lung Cancer. Chemico-Biological Interactions, 388, 110834.
7. Al Sayegh, R., Khoury, A., Elias, M.G., Mansour, M., Mehanna, S., Slika, A., **Daher, C.F**., Aldrich-Wright, J.R., Taleb, R.I. (2025). The anti-neoplastic potency of epoxy-substituted polyaromatic platinum(II) and platinum(IV) complexes against A549 lung cancer cells. European Journal of Medicinal Chemistry, 294, 117734

Dr. Bahia Abdallah

1. Abir Abdel Rahman, Nada O F Kassem, Marc Lewis Emrys Edwards, **Bahia Abdallah**, Rana Abdel Malak, Adding sugar to children's beverages: a theory of planned behavior study of Lebanese mothers, *Health Promotion International*, Volume 39, Issue 6, December 2024, daae146, https://doi.org/10.1093/heapro/daae146
2. **Abdallah, B**., Sharara, E., Nicolas, P., Sacre, H., El Khoury, C. F., Salameh, P., Haddad, C., Karam, J., & Rizk, R. (2025). Factors Associated With Breastfeeding Outcomes in Lebanon: A National Cross-Sectional Study. Food science & nutrition, 13(8), e70767. https://doi.org/10.1002/fsn3.70767.
3. Chadia Haddad, Paula Hage Boutros, Hala Sacre, Rana Rizk, Cosette Fakih EL Khoury, **Bahia Abdallah**, Joanne Karam & Pascale Salameh. Differential effects of work and socioeconomic status on breastfeeding duration in times of crisis. Discov Public Health 22, 440 (2025). https://doi.org/10.1186/s12982-025-00790-5
4. An Exploratory Qualitative Study of Beverage Sweetening Practices in Middle Eastern Families. Abdel Rahman, Abir,Kassem, Nada O.F.,Edwards, Marc Lewis Emrys,Abboud, Juliana,Abdallah, Bahia. Inquiry (United States), 2025, 62, 00469580251359507

Dr. Rita Doumit

1. Using the Community Perception Tracker (CPT) to inform COVID-19 response in Lebanon and Zimbabwe: a qualitative methods evaluation Fiona Majorin, Anika Jain, Christine Haddad, Eddington Zinyandu, Ghassan Gharzeddine, Mutsawashe Chitando, Aline Maalouf, Ntandoyenkosi Sithole, **Rita Doumit**, Raissa Azzalini, Thomas Heath, Janet Seeley & Sian White BMC Public Health, 2025, 25(1), 2850
2. Cultural stigma, psychological distress and help-seeking: Moderating role of self-esteem and self-stigma in Lebanon Khoury-Malhame, Myriam El,Sawma, Toni,Hallit, Souheil R.,... Jaber, Jad, **Doumit, Rita** PLOS ONE, 2025, 20(9 September), e0315063
3. Social Media Use and Physical Activity Purpose Predict Body Image Dissatisfaction in Young Adults Zeeni, Nadine,Abi Kharma, Joelle,Ibrahim, Mariana,Chamma, Lara, **Doumit, Rita** Western Journal of Nursing Research, 2025, 47(9), pp. 818–825
4. Psychometric validation of the Arabic version of the GAD-7 among Lebanese adolescents Khoury-Malhame, Myriam El,Hallit, Souheil R.,Sanchez-Ruiz, Maria Jose,El Hajj, Sleiman, **Doumit, Rita** PLOS ONE, 2025, 20 (8 August), e0329627
5. Psychometric validation of an Arabic version of the WHO-5 wellbeing index among Lebanese adolescents **Doumit, Rita**, Hallit, Souheil R.,Sanchez-Ruiz, Maria Jose,Khoury-Malhame, Myriam El PLOS ONE, 2025, 20(7 July), e0317644

Dr. Mahmoud Salam

1. Factors associated with COVID-19 vaccine uptake and hesitancy among multinational refugees and migrants in Jordan Ali, M., **Salam, M.** *International Migration*, 2024, 62(4), pp. 57–81
2. COVID-19 risk perceptions among public transportation drivers and users in Lebanon: A cross-sectional study **Salam, Mahmoud**, El Chaar, Wael,Mansour, Maha,... Bader, Zahra Shan,Khattar, Jennifer Journal of Transport and Health, 2025, 44, 102149
3. The Lived Experience of Adult Cancer Survivors After Hematopoietic Stem Cell Transplantation: A Qualitative Study From Saudi Arabia Almutairi, Hamdan,Aboshaiqah, Ahmad Eissa,Alzahrani, Mohsen,Almutairi, Adel F., **Salam, Mahmoud** Patient Preference and Adherence, 2025, 19, pp. 279–293
4. Influenza vaccine hesitancy and its determinants among Lebanese public transportation drivers. **Salam, Mahmoud**, Honein-Abou Haidar, Gladys N. Vaccine: X, 2025, 22, 100606

LIFE AT ARCSON

Nursing in Action: Community Engagement

The Community Health Nursing course for senior nursing students continued to provide rich experiential learning opportunities by integrating nursing, behavioral, and public health principles to promote health and well-being across diverse populations. Throughout the year, students planned, implemented, and evaluated health education and promotion initiatives focused on disease prevention, healthy lifestyles, leadership, and cultural competence. Despite challenges posed by Lebanon's difficult circumstances, including the closure of some community sites, students successfully engaged in a wide range of impactful activities. These included delivering health education and screenings at primary healthcare centers, conducting home health assessments for underserved families, performing community needs assessments, supporting refugee families through innovative outreach initiatives, organizing health awareness campaigns on university campuses, and providing preventive screenings in community settings. New learning experiences enriched the course, including visits to public schools serving refugees, participation in a disaster preparedness drill at LAU Saint John Hospital, and collaboration with the LAU-Rizk Medical Center mobile clinic. The course culminated in a health fair at Byblos National School, featuring interprofessional collaboration with students from other health disciplines and SAID NGO. Collectively, these experiences strengthened students' clinical, communication, leadership, and community engagement skills, preparing them to meet the evolving health needs of diverse populations and enhancing their readiness for future professional practice.



Nursing Students at the LAUMC-SJH Disaster Preparedness Drill





Nursing students visiting public schools hosting refugees



Health Fair at Byblos National School

LIFE AT ARCSON

Shaping the Next Generation of Nurses

Throughout the 2024–2025 academic year, senior nursing students at the Alice Ramez Chagoury School of Nursing (ARCSON) participated in a series of field visits and guest speaker sessions that enriched their professional development and broadened their understanding of the nursing profession.

Students visited the Order of Nurses in Lebanon and the Ministry of Public Health, gaining firsthand exposure to healthcare leadership, professional regulations, public health services, and diverse nursing career opportunities. They also benefited from presentations by distinguished healthcare leaders, including Dr. Lina Kurdahi Bader and Mr. Elie Aaraj, who shared valuable insights on nursing leadership, advanced education, research, community health, and harm reduction strategies.

These experiences strengthened students' professional identity, enhanced their understanding of the healthcare system, and prepared them for future leadership roles in nursing.



Senior Nursing Students visit the Order of Nurses in Lebanon



Senior Nursing Students with Guest Speaker, Dr. Lina Kurdahi Bader

LIFE AT ARCSON

2025 Nursing Recognition and Pinning Ceremony: From Adversity to Advocacy

The Alice Ramez Chagoury School of Nursing (ARCSON) celebrated the graduation of its senior nursing students during the annual Recognition and Pinning Ceremony held on June 2, 2025, at LAU's Byblos campus. The event marked the students' transition into the nursing profession and brought together university leaders, healthcare representatives, faculty, families, and friends.

The ceremony featured a keynote address by Dr. Randa Hamadeh, Head of the Primary Health Care Department at the Lebanese Ministry of Public Health**,** who encouraged graduates to embrace their role as advocates for health and social equity. University leaders highlighted the critical contribution of nurses to healthcare and society, while graduates were encouraged to lead with resilience, professionalism, and compassion.

Faculty and students were recognized for excellence in teaching, clinical practice, leadership, and academic achievement. The ceremony concluded with the Nightingale Pledge, reaffirming the graduates' commitment to the values, ethics, and responsibilities of the nursing profession.



Nursing Graduates and Faculty – 2025 Recognition and Pinning Ceremony

Breastfeeding Support Room Initiative

The School of Nursing played a leading role in the establishment of the Breastfeeding Support Room at LAU's Beirut campus through the efforts of Dr. Bahia Abdallah, Nursing Program Director**.** In collaboration with the Arab Institute for Women and LAU Health Disciplines, this initiative created a dedicated, private, and comfortable space for breastfeeding mothers on campus.

The project reflects the School of Nursing's commitment to promoting maternal and child health, supporting evidence-based breastfeeding practices, and fostering a family-friendly work environment. The inauguration, celebrated through a panel discussion on February 18, 2025, highlighted the importance of supporting nursing mothers and advancing a more inclusive and supportive campus community.



Inauguration of the Breastfeeding Support Room at the Beirut Campus

LIFE AT ARCSON

Nursing Summer Camp 2025: Opening Doors to Nursing

The school hosted its second annual Nursing Summer Camp on June 27, 2025, welcoming high school students from across Lebanon for a day of immersive learning and career exploration. Through interactive workshops, Basic Life Support training, clinical simulations, and mentorship from nursing faculty, students, and alumni, participants gained firsthand insight into the diverse roles and impact of the nursing profession. The camp challenged common misconceptions about nursing, highlighted the profession's leadership and clinical responsibilities, and provided participants with a meaningful introduction to university life and healthcare careers. The initiative

reflects ARCSON's commitment to inspiring the next generation of nurses and strengthening the future healthcare workforce.



Nursing Summer Camp 2025

Undergraduate Research Engagement

For LAU Research Day 2025, nursing students demonstrated strong engagement in undergraduate research, presenting multiple studies focused on public health and COVID-19 risk perceptions among commuters and public transportation drivers in Lebanon. Their work addressed community health awareness, disease prevention, and health behavior, all of which are of significant relevance to national and global health priorities. This active participation reflects the School of Nursing's commitment to fostering a research culture among students. It highlights the mentorship and support provided by faculty in advancing evidence-based nursing practice and population health research.