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AL AIN UNIVERSITY OF SCIENCE AND TECHNOLOGY AT A GLANCE

Al Ain University of Science and Technology (AAU), licensed in 2005, has two campuses; in Al Ain and Abu Dhabi. In (2017-2018), AAU offered **14 undergraduate** programs, **7 master** programs and **1 professional diploma** program through 6 colleges:

1. Engineering
2. Pharmacy
3. Law
4. Education, Humanities and Social Sciences
5. Business
6. Communication and Media

FACTS ABOUT AAU





LICENSE AND NATIONAL ACCREDITATIONS



UNITED ARAB EMIRATES
MINISTRY OF EDUCATION

- ▶ AAU is licensed by the “Ministry of Education – UAE”.
- ▶ The academic programs, offered by AAU, are accredited by the “Commission for Academic Accreditation – CAA” of the “Ministry of Education - UAE”



AAU ranked among the **TOP 100 Universities** in the QS Arab Region 2018

INTERNATIONAL ACCREDITATIONS



Engineering
Accreditation
Commission

The “College of Engineering” holds an International Accreditation for the “Bachelor of Science in Networks and Communication Engineering” and “Bachelor of Science in Software Engineering” programs from the “Accreditation Board for Engineering and Technology (ABET)”.



The “College of Pharmacy” holds an International Certification for the “Bachelor of Science in Pharmacy” program from the “Accrediting Council for Pharmacy Education (ACPE)”.

HCERES

Haut conseil de l'évaluation de la recherche
et de l'enseignement supérieur

The “College of Law” holds an International Accreditation for the “Bachelor of Law” program from the “High Council for Evaluation of Research and Higher Education (HCERES)”.



PREFACE

The “Al Ain University of Science and Technology (AAU)” Annual Report presents the major achievements and provides the university activities and records in the academic year of (2017-2018).

For better understanding, the annual report details are grouped according to the “2011 Standards of the Commission for Academic Accreditation (CAA) - UAE Ministry of Education (MoE)”, as follows:

1. Mission, Organization and Governance
2. Quality Assurance
3. The Educational Programs
4. Faculty and Professional Staff
5. Students
6. Learning Resources
7. Physical Resources
8. Fiscal Resources
9. Public Disclosure and Integrity
10. Research and Scholarly Activities
11. Community Engagement



1. Mission, Organization and Governance

VISION

AAU aspires to be amongst the leading learning centers in the region, by achieving international quality standards in teaching, research and community engagement.

VALUES

- Collaboration
- Diversity
- Excellence
- Respect
- Integrity

MISSION

AAU strives to be a learning center of excellence that responds to market needs and prepares graduates who possess the scientific and technological competencies that are needed for their careers. The university plays an active role in the creation of knowledge through quality teaching and research. It values Community Engagement and nurtures partnerships with institutions and organizations through a commitment to the educational, technological, and economic development of the country and the region.

GOALS

01

Strengthen AAU's commitment to delivering quality undergraduate and graduate programs that are characterized by rigorous disciplinary depth and breadth, with a high level of direct interaction between faculty and students.

02

Improve the recruitment, retention, and graduation rates within the student body, while increasing the number of well-prepared and academically able students who wish to enter a nurturing environment that facilitates the development of competent, and creative professionals.

03

Continue to recruit and retain a dedicated and culturally diverse faculty whose teaching is informed by research, and embodies learning experiences that enable students to improve academically and personally.

04

Secure and strengthen the University's information technology and media services to support both the academic and administrative functions of the University and the deployment of new and innovative teaching and research technologies as they become available.

05

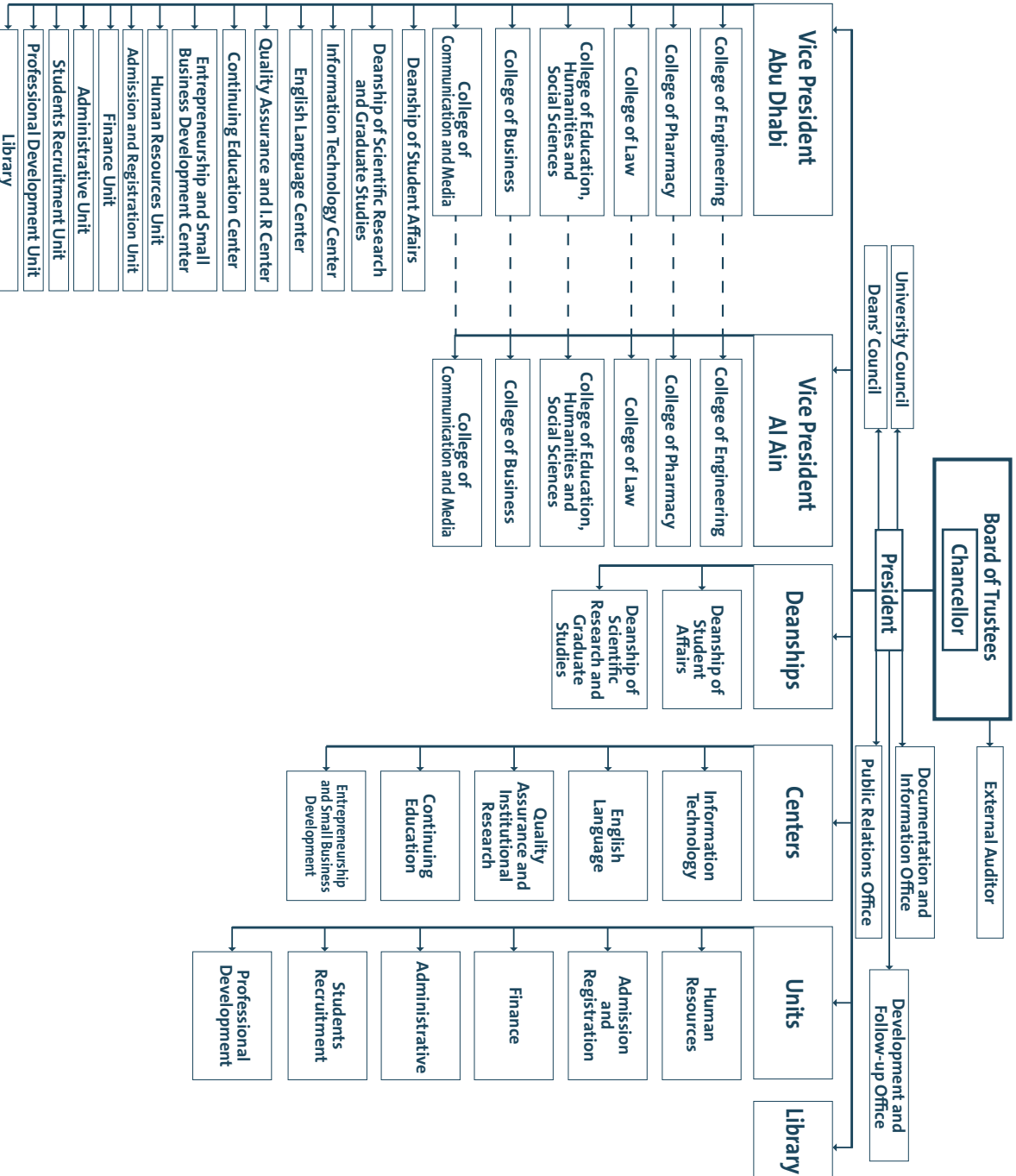
Contribute to society and the local community in particular, by addressing their educational, cultural, social, and economic interests.

06

Foster research and support faculty members to secure the time, financial support, and collaborations to maximize their success in research, scholarship, and other creative activities.



Organizational Chart



AAU BOARD OF TRUSTEES / COUNCILS / STANDING COMMITTEES

AAU Board of Trustees / Councils / Standing Committees	Meetings Frequency
Board of Trustees	Twice per year
University Council	Twice per semester
Deans Council	Once per Week
Colleges Councils	
Departments Councils	Twice per month
Centers Councils	Once per month
Units Councils	
Library Council	
Standing Committees	Once per semester



2. Quality Assurance

The Quality Assurance and Institutional Research Center (QAIRC) provides support to Al Ain University of Science and Technology (AAU) community towards the achievement of AAU mission. The QAIRC has contributed significantly in the implementation of AAU strategic goals in different areas such as planning, teaching/learning, research, accreditation and services. The QAIRC is responsible to set and monitor total quality standards that lead to the local and international accreditation as well as community satisfaction. It also seeks to provide accurate, timely, and reliable information to all units of AAU enabling them to design, develop, and implement strategies and techniques to improve the effectiveness of all AAU units.

The (2017-2018) QAIRC main activities are classified into six categories:

1. **Academic Programs Accreditations:** The QAIRC actively participated in the (national and international) accreditation process of all academic programs.
2. **Academic/Admin Outcomes Assessment:** The QAIRC monitored and managed the university-wide Academic Programs / Administrative Units Outcomes Assessment process to improve the academic program/administrative unit effectiveness and ultimately raise the quality of AAU academic programs and the administrative support services.
3. **QS University Ranking:** Effectively reaching AAU among the global standards of Academics is always a prime agenda of the QAIRC, and the center is initiating towards it in all means. AAU was ranked among the top 100 universities, in the 2018 QS Arab Region ranking, securing a place between 91- 100 ranks. The QAIRC will work more efficiently with QS in order to improve the overall AAU ranking in the next 3 years.
4. **Surveys:** The QAIRC managed many internal surveys: New Hire, Staff Satisfaction, Graduating Exit Survey, Students' Evaluation for the course/ instructor.
5. **Institutional data:** The QAIRC submitted all required data (CHEDS, Indicators Surveys, Graduate Destination Survey) to the Ministry of Education (MoE), Abu Dhabi Department of Education and Knowledge (ADEK), and different accreditation agencies.
6. **Reports and publications:** The QAIRC prepared the QAIRC Manual, AAU Fact book, AAU Annual Report, AAU Surveys Handbook, Exit Exam Report, and other reports. The QAIRC has also started the revision process of the AAU "Policies and Procedures Manual, PPM".



3. The Educational Programs

(2017-2018) Undergraduate Programs

College	Programs	Academic Year				
		2013/ 2014	2014/ 2015	2015/ 2016	2016/ 2017	2017/ 2018
Engineering	Bachelor of Science in Computer Engineering	✓	✓	✓	✓	✓
	Bachelor of Science in Networks and Communication Engineering	✓	✓	✓	✓	✓
	Bachelor of Science in Computer Science	✓	✓	✓	✓	✓
	Bachelor of Science in Software Engineering	✓	✓	✓	✓	✓
Pharmacy	Bachelor of Science in Pharmacy	✓	✓	✓	✓	✓
Law	Bachelor of Law	✓	✓	✓	✓	✓
Education, Humanities and Social Sciences	Bachelor of Education - English Language Teacher Education	✓	✓	✓	✓	✓
	Bachelor of Education in Special Education	✓	✓	✓	✓	✓
	Bachelor of Education - Teacher Education (Arabic and Islamic Studies)	-	-	✓	✓	✓
	Bachelor of Arts in Applied Psychology	-	-	✓	✓	✓
	Bachelor of Arts in Applied Sociology	-	-	✓	✓	✓
	Bachelor of Education - Information Technology Teacher Education	✓	✓	✓	✓	✓
Business	Bachelor of Business Administration	✓	✓	✓	✓	✓
Communication and Media	Bachelor of Mass Communication and Media	-	-	✓	✓	✓

(2017-2018) Postgraduate Programs

College	Programs	Academic Year				
		2013/ 2014	2014/ 2015	2015/ 2016	2016/ 2017	2017/ 2018
Pharmacy	Master of Science in Clinical Pharmacy	-	-	✓	✓	✓
Law	Master in Private Law	✓	✓	✓	✓	✓
	Master in Public Law	✓	✓	✓	✓	✓
Education, Humanities and Social Sciences	Professional Diploma in Teaching	✓	✓	✓	✓	✓
	Master of Arts in Teaching English To Speakers of other Languages (TESOL)	-	✓	✓	✓	✓
	Master of Education in Arabic Language Curricula and Instruction	-	-	-	-	✓
	Master of Education in Islamic Education Curricula and Instruction	-	-	-	-	✓
Business	Master of Business Administration	✓	✓	✓	✓	✓

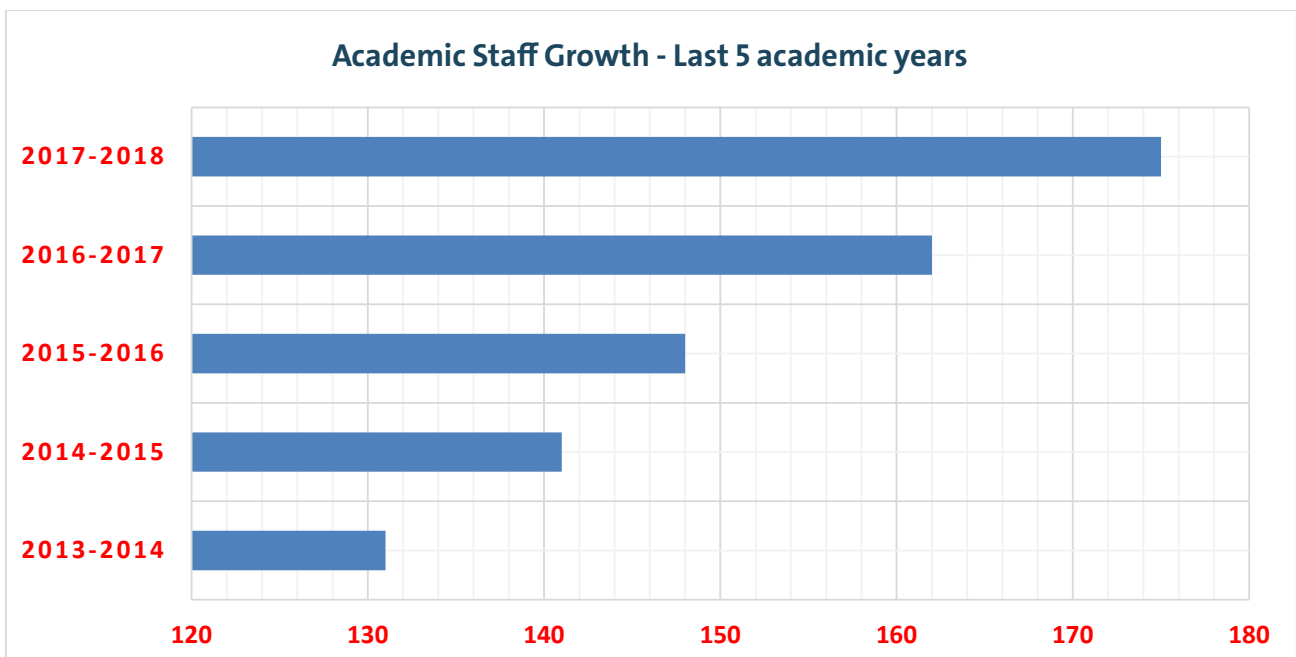
4. Faculty and Professional Staff

AAU strives to play an active role in the creation of knowledge through quality teaching and research. To accomplish this mission, AAU, as stated in its third strategic goal, will continue to recruit and retain a dedicated and culturally diverse faculty whose teaching is enforced by research, and embodies learning experiences that enable students to improve academically and personally.

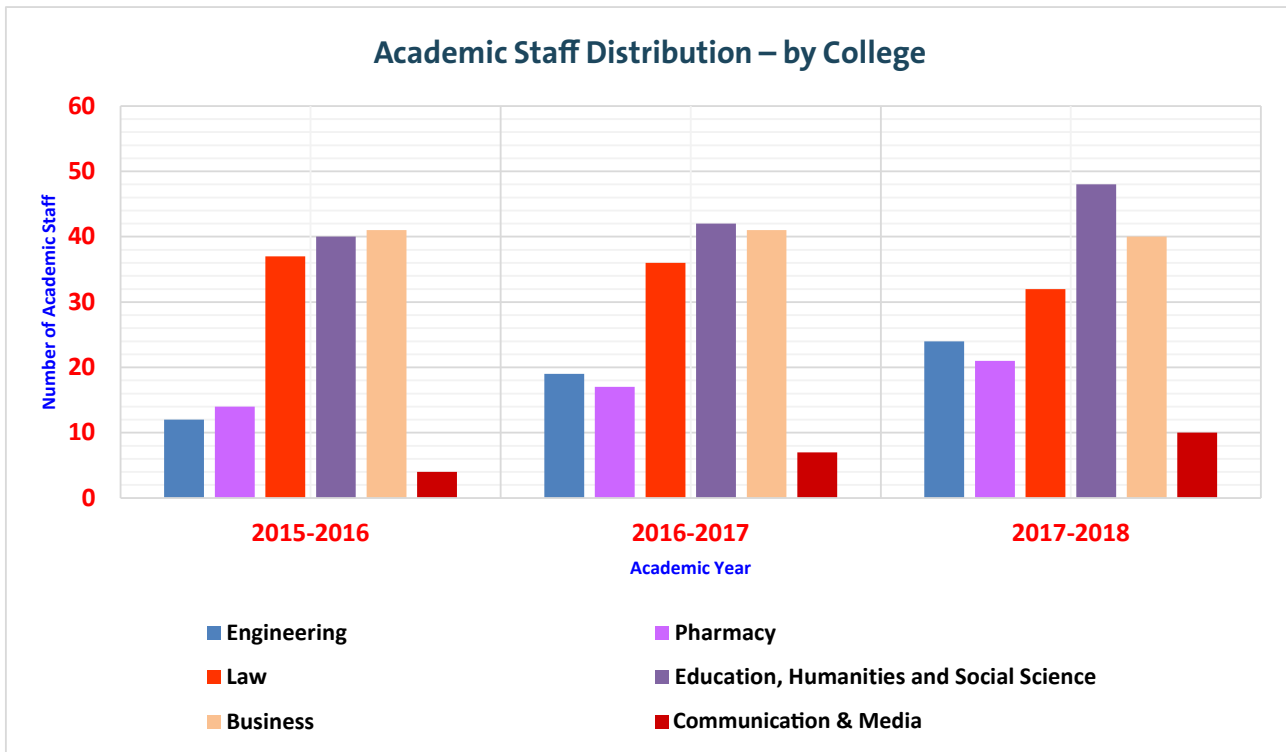
During the 2017-2018 academic year, AAU managed to retain as well as recruit highly qualified faculty members and administrative staff needed to pursue the university quest for excellence. Most of the faculty members have Doctorate degree from internationally recognized institutions in North America and Europe and have appropriate teaching experience and research potentials. Moreover, there are around 200 qualified staff members providing a wide range of support services to AAU community.

A. Academic Staff

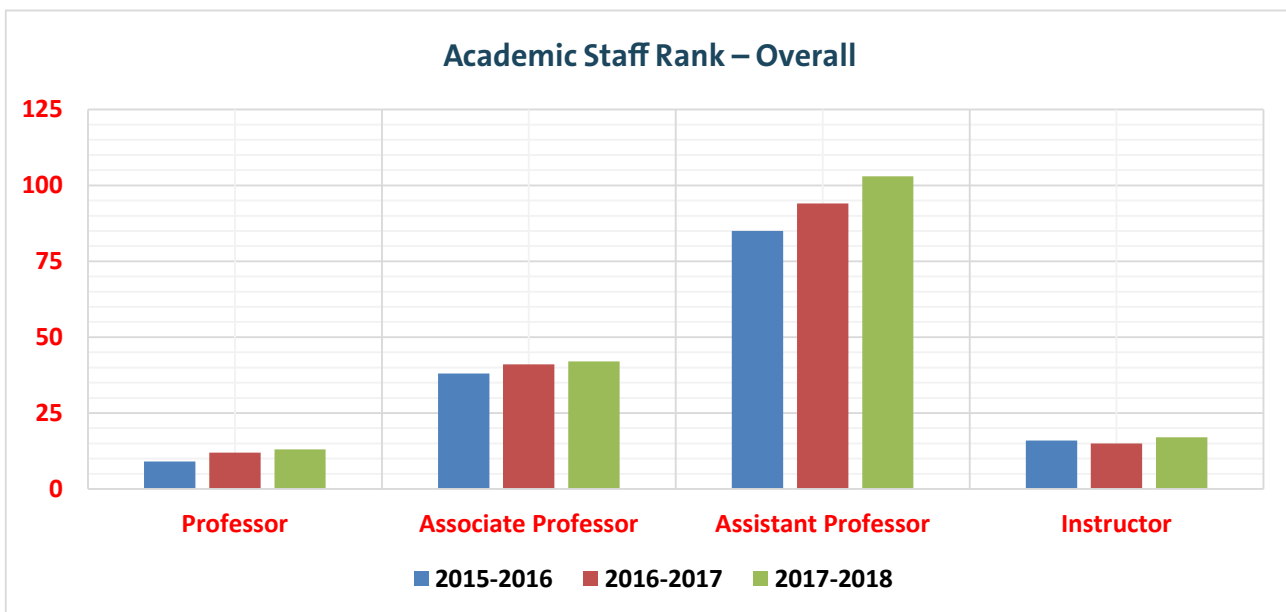
A.1. Academic Staff Growth - Overall



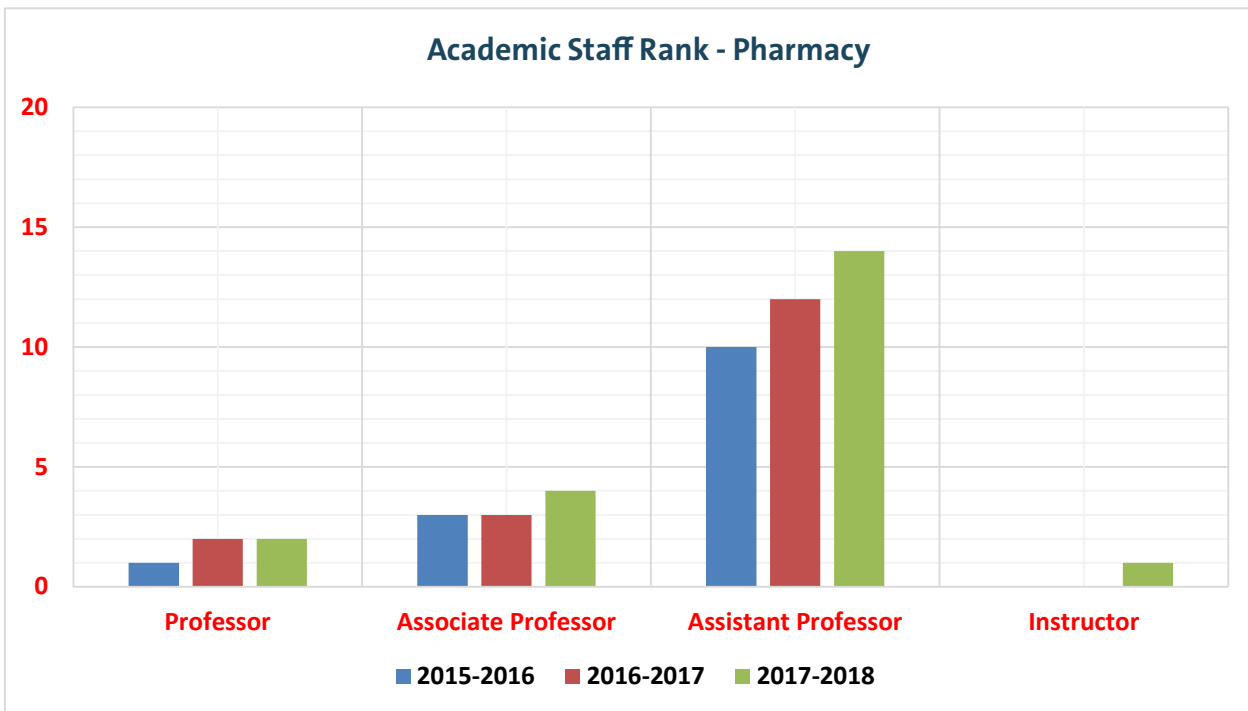
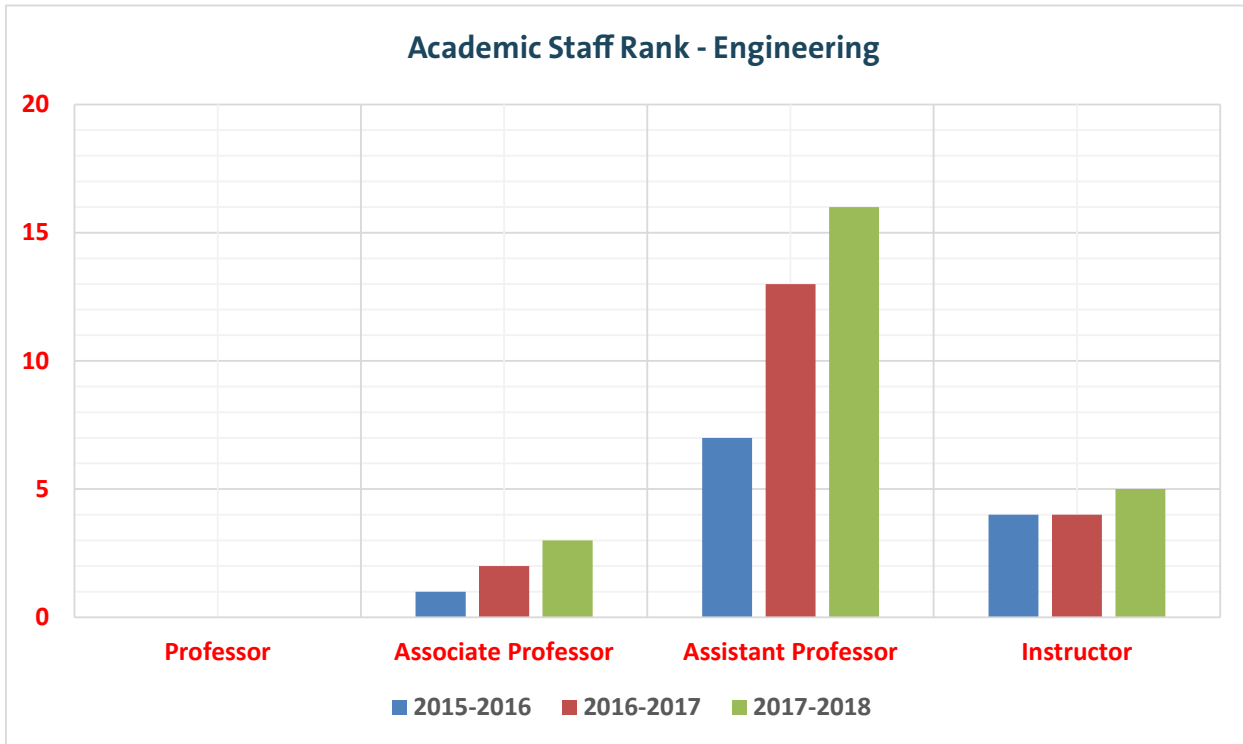
A.2. Academic Staff Distribution – by College

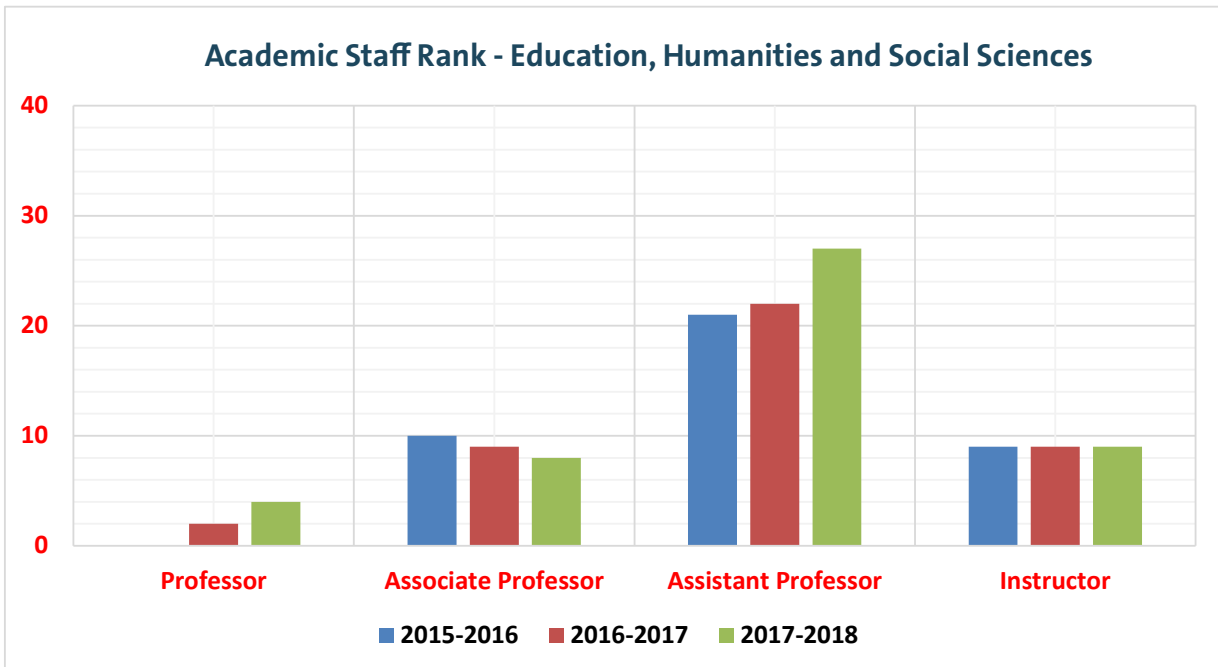
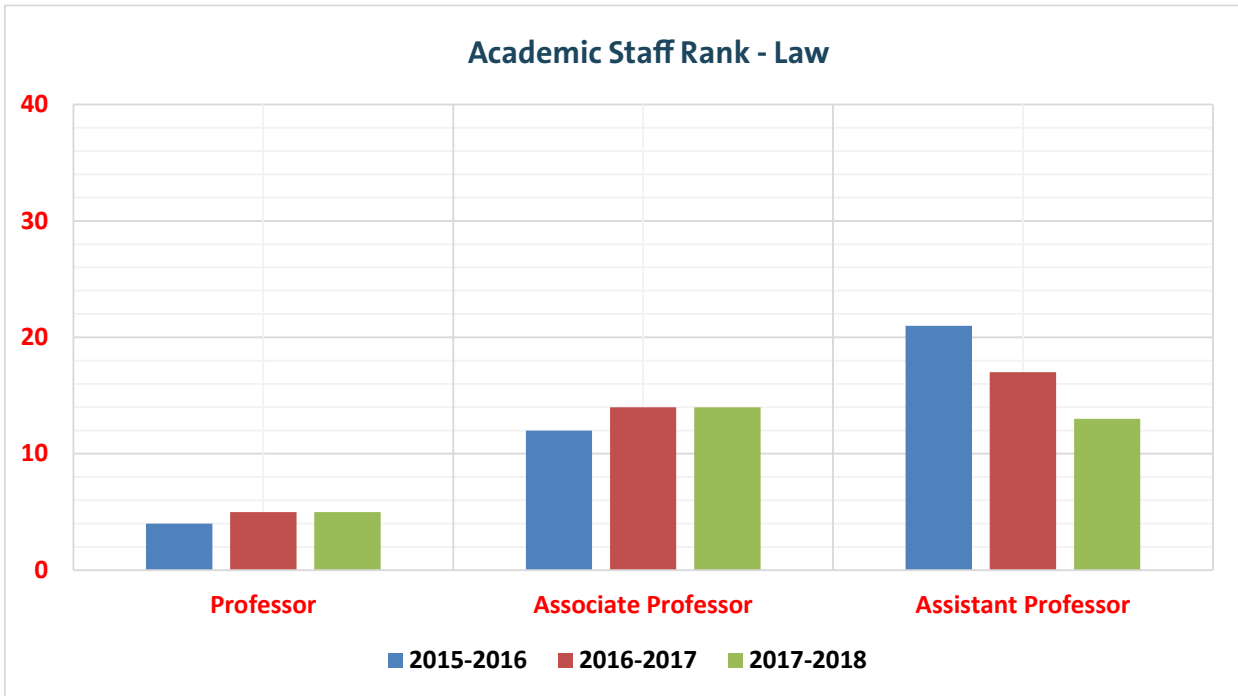


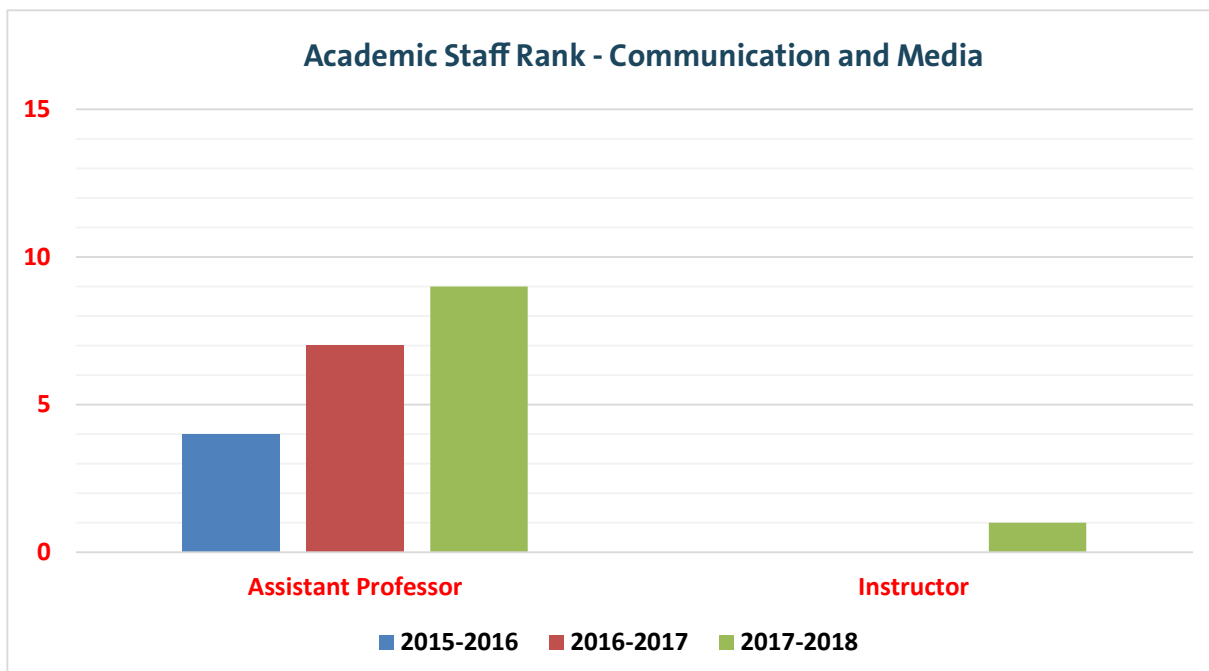
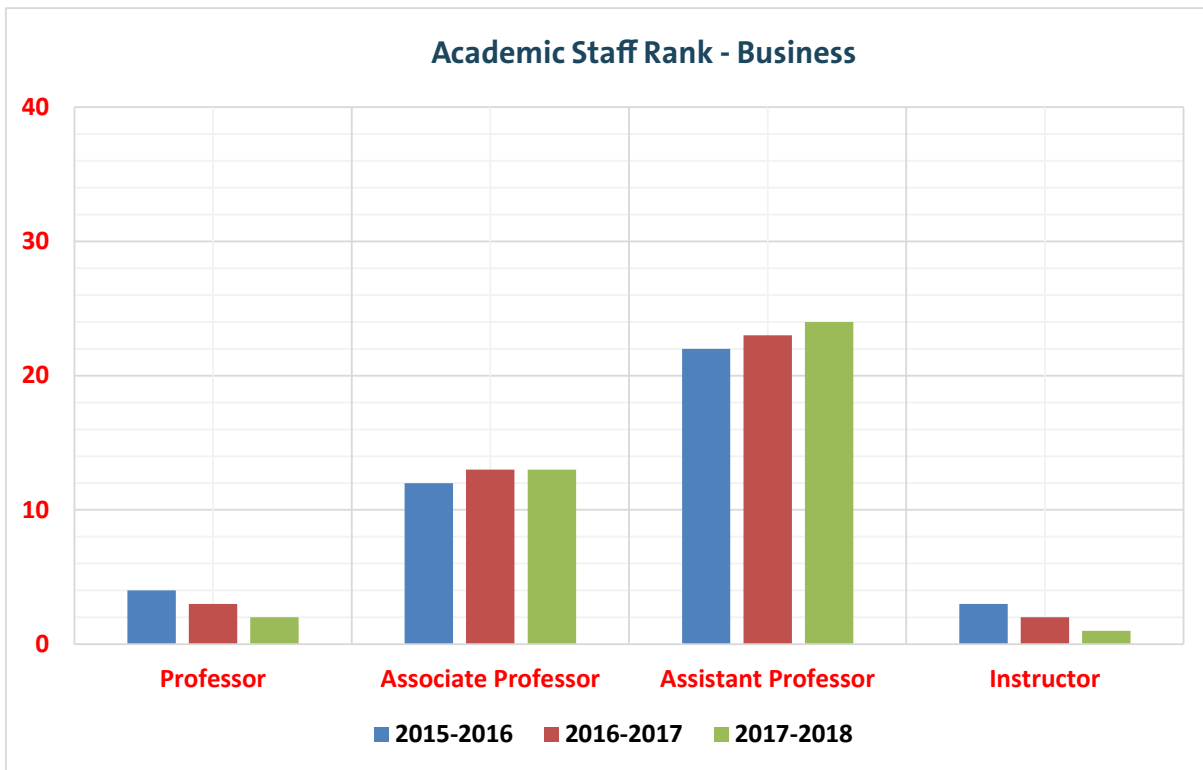
A.3. Academic Staff Rank – Overall



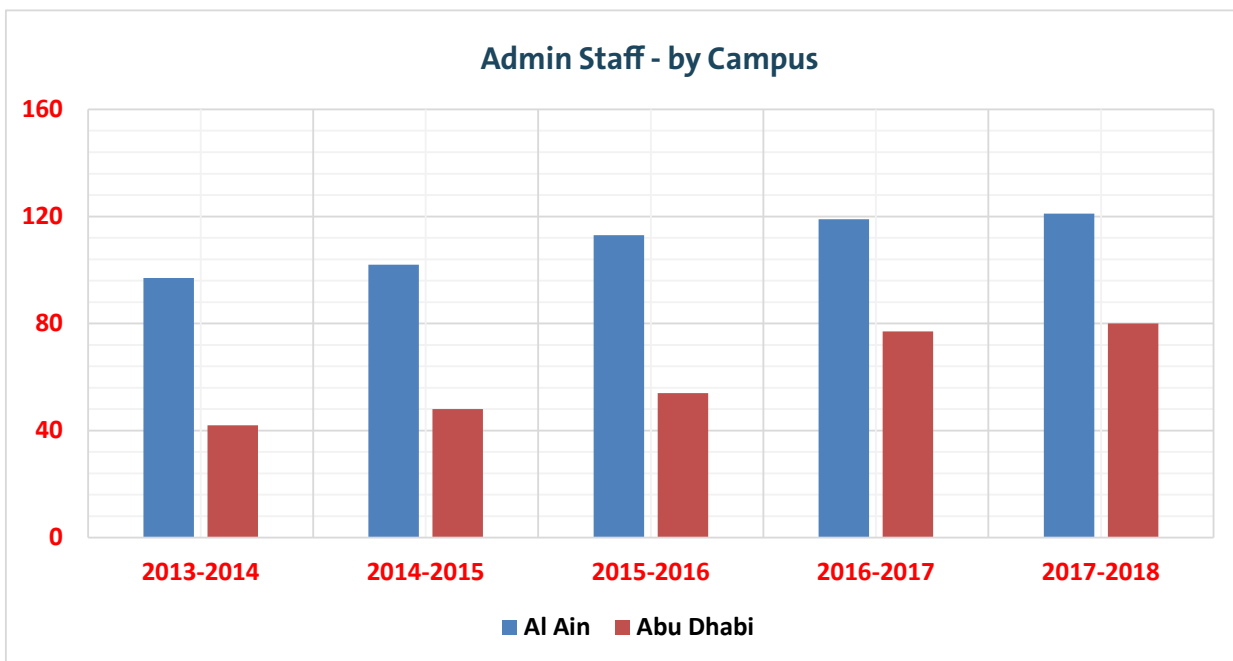
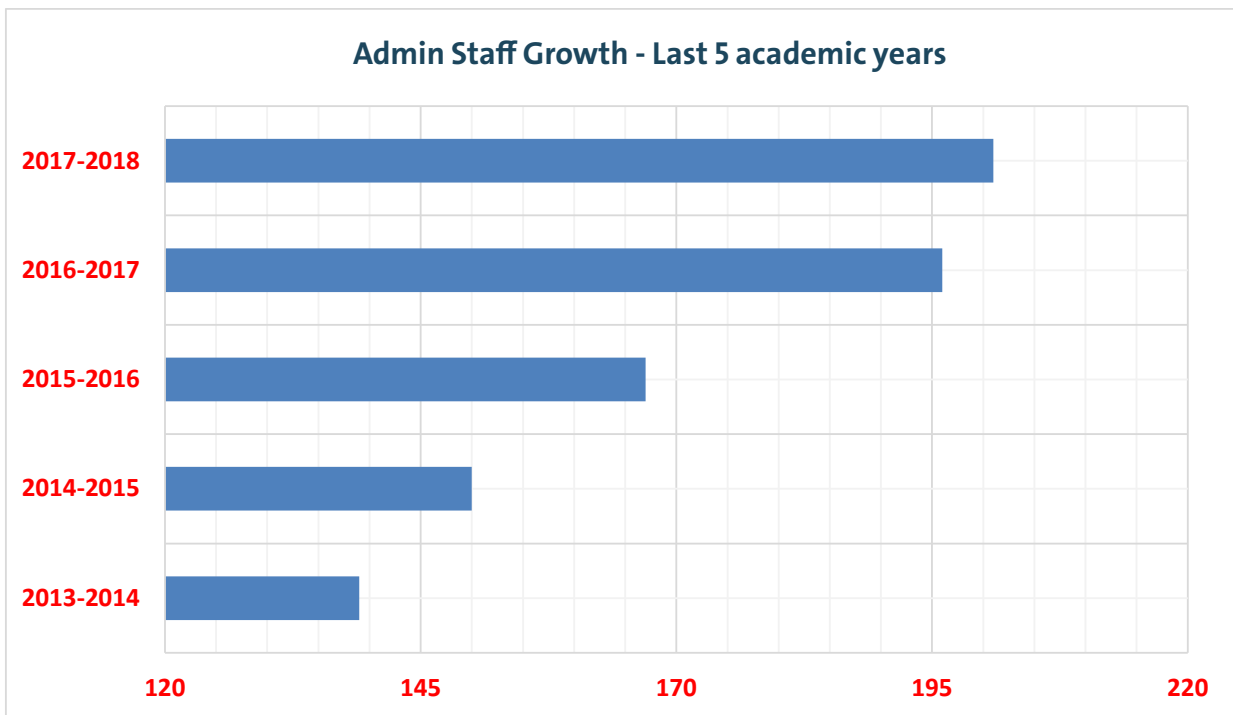
A.4. Academic Staff Rank – by College







B- Admin Staff



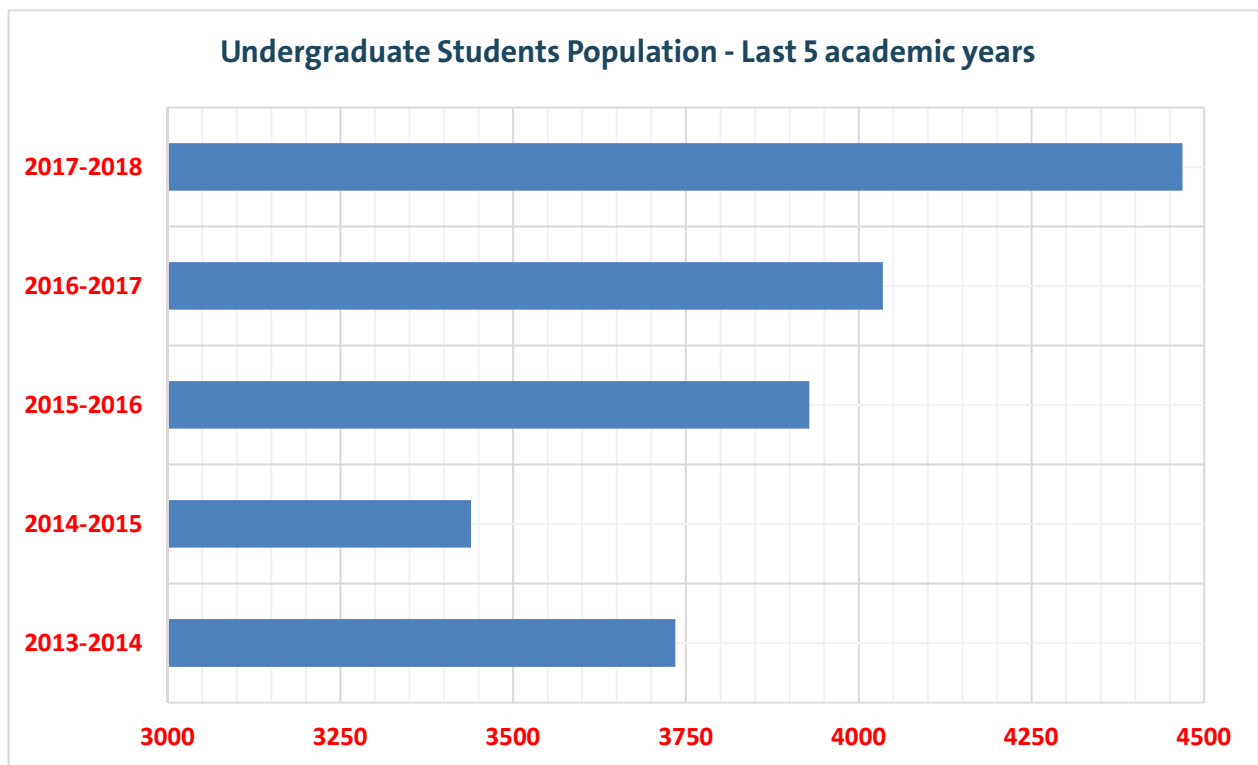
5. Students

As described in its mission, AAU is committed to provide the UAE labor market with highly qualified and skilled graduates. AAU is continuously improving the students’ recruitment, retention, and graduation rates.

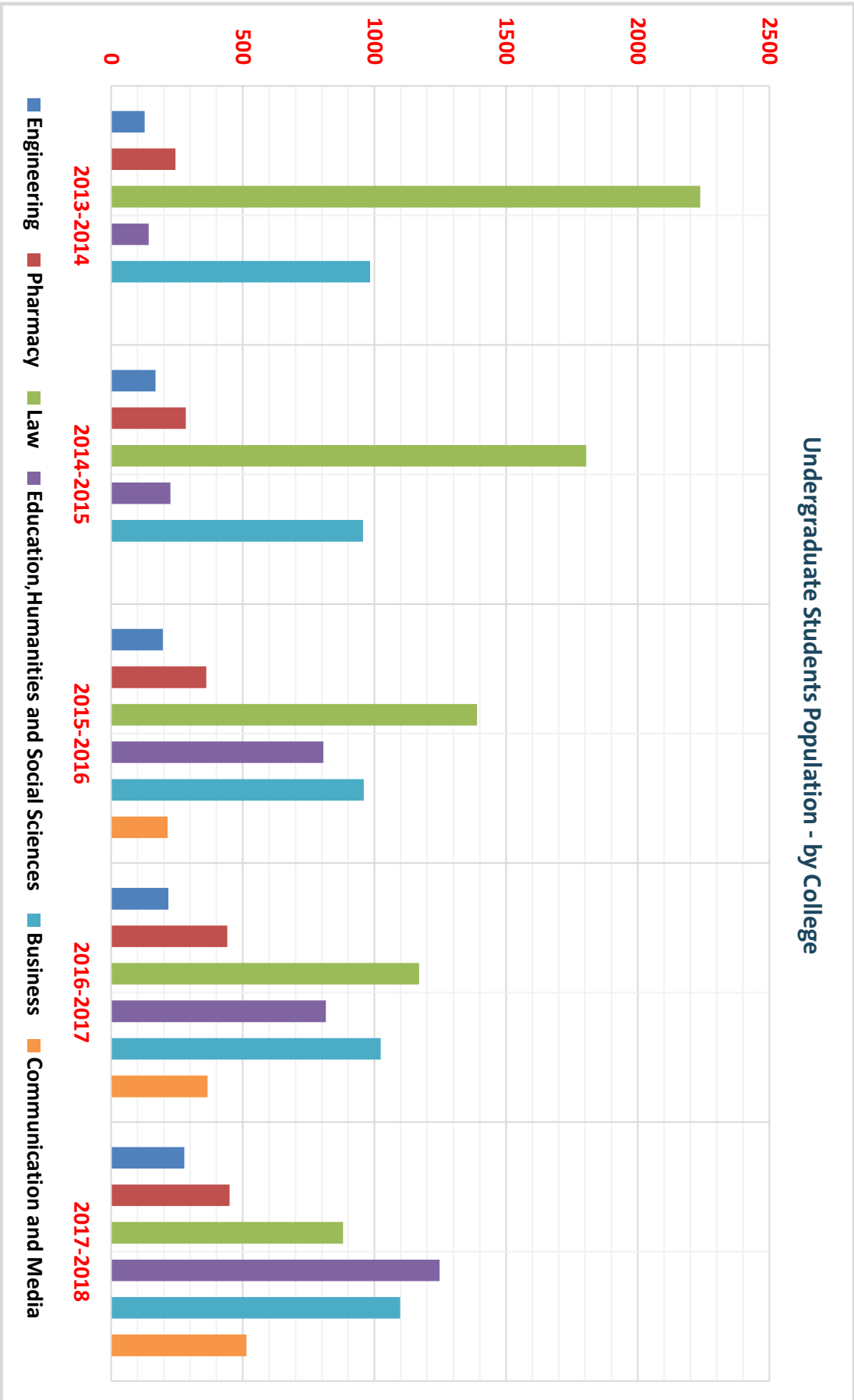
A. Students Population

A. 1. Undergraduate Programs

A.1.1. Overall

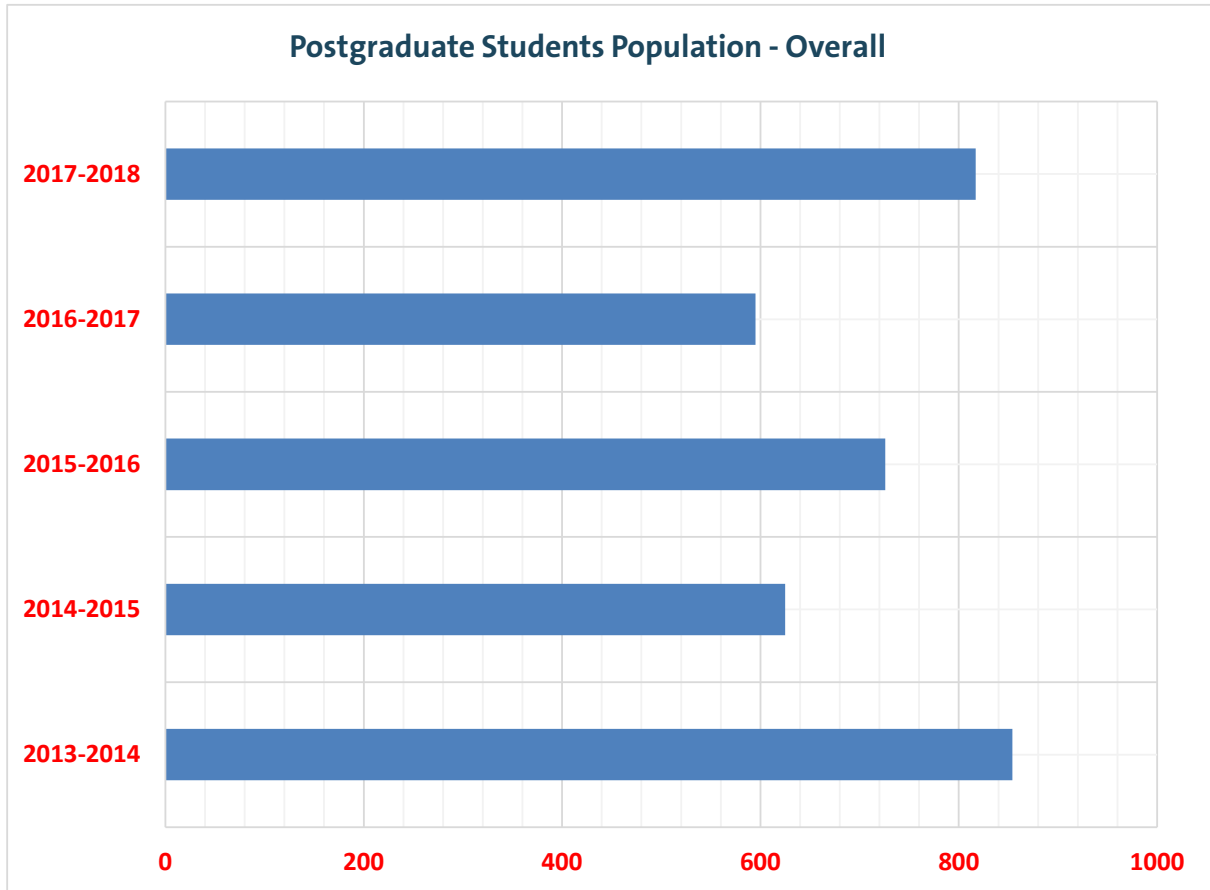


A.1.2. By College

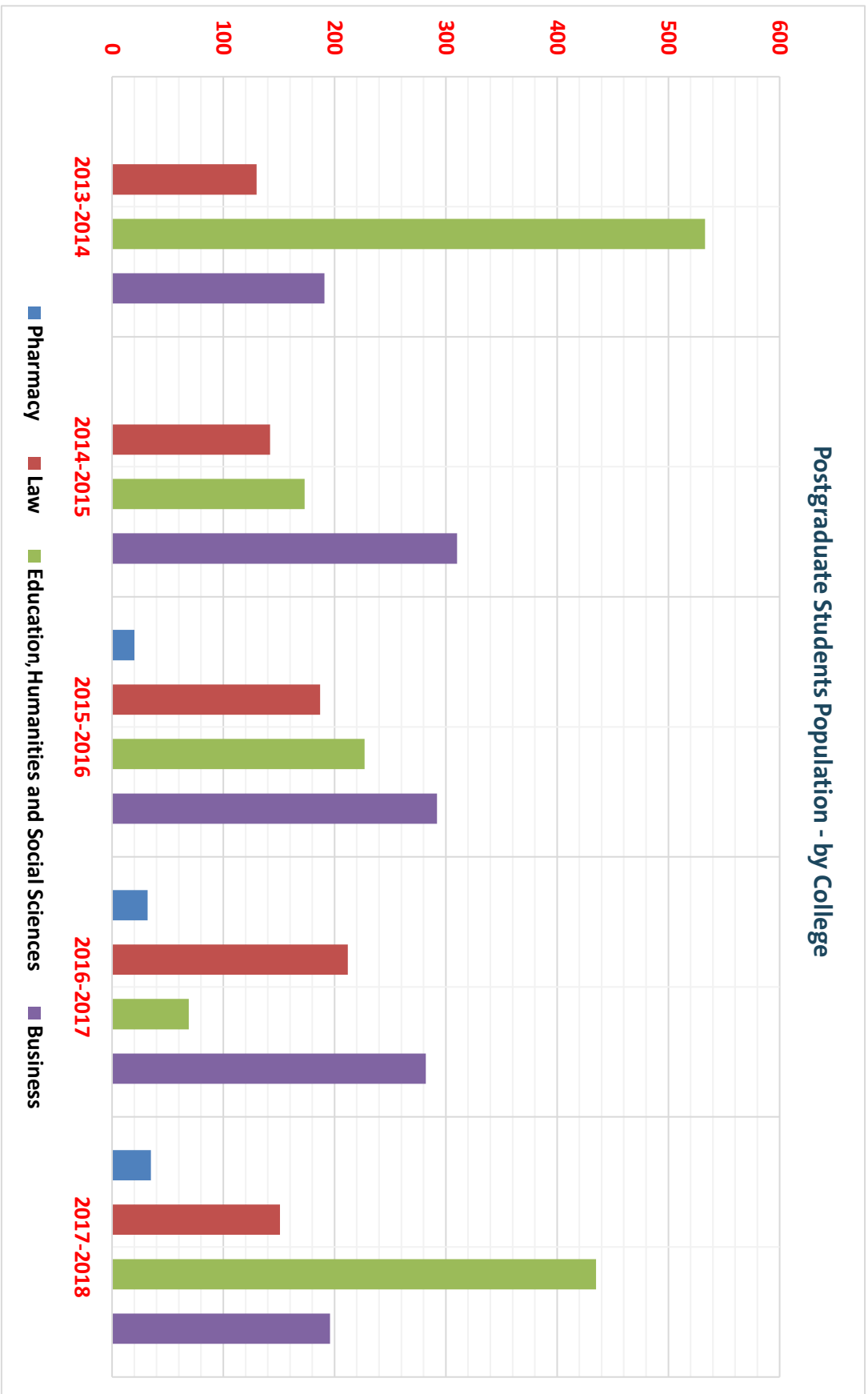


A.2. Postgraduate Programs

A.2.1. Overall



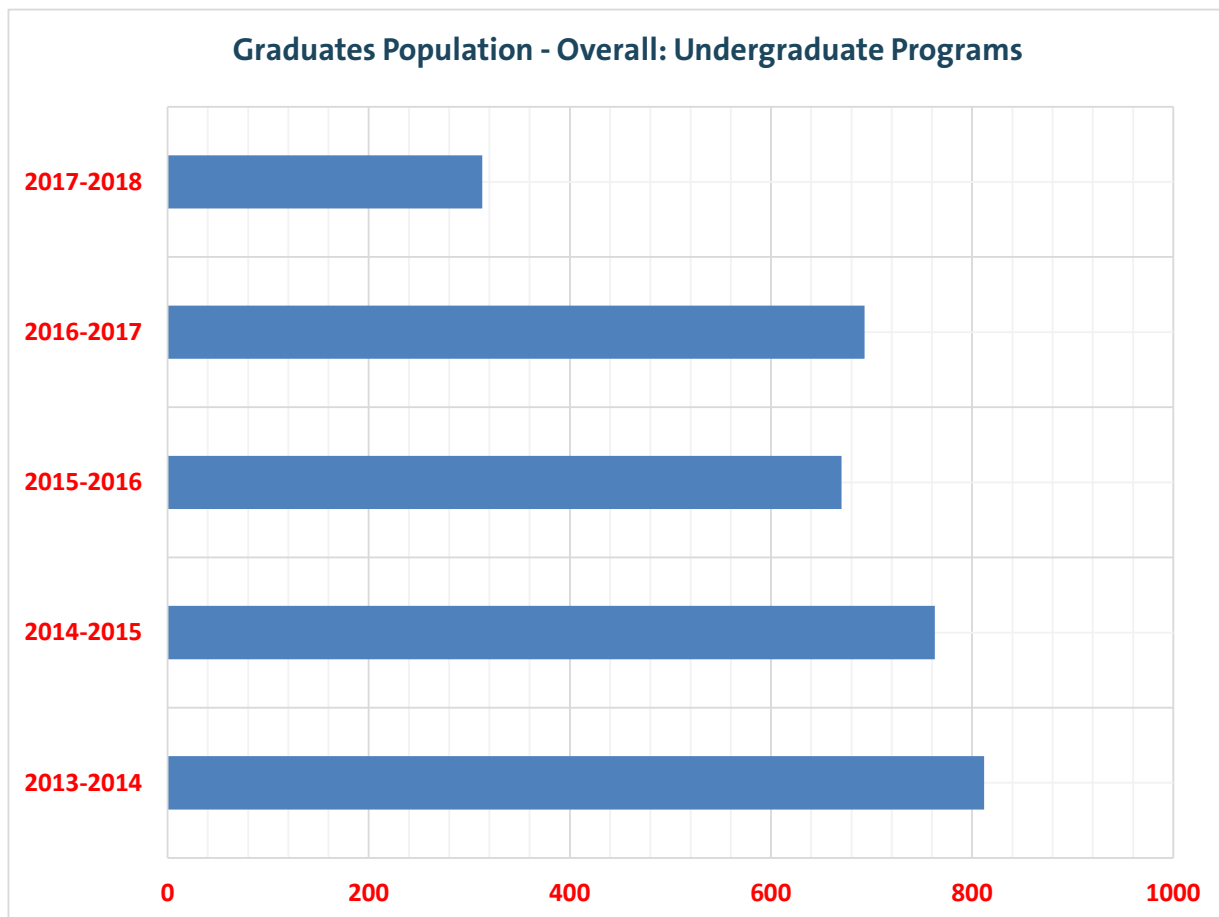
A.2.2. By College



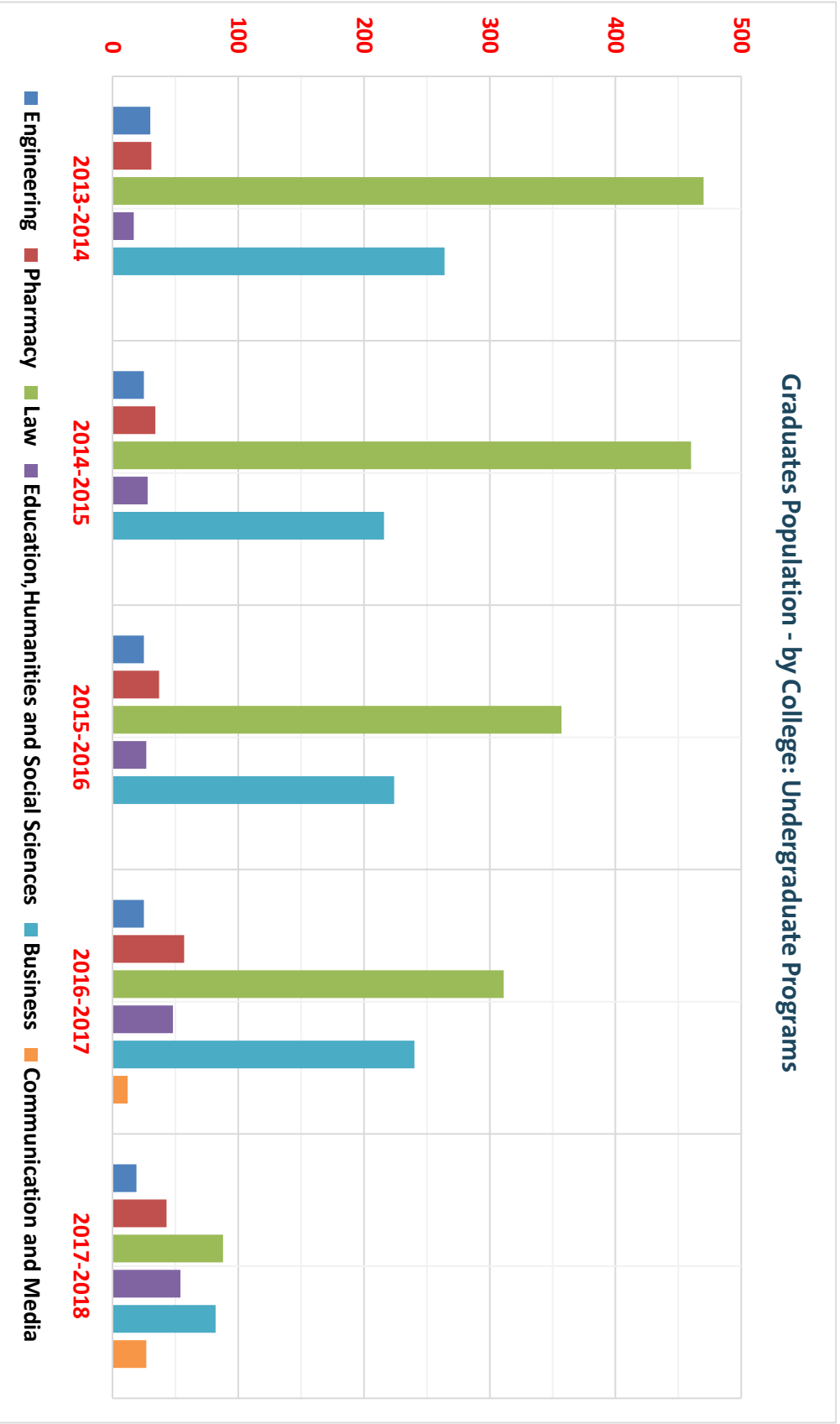
B. Graduates Population

B. 1. Undergraduate Programs

B.1.1. Overall

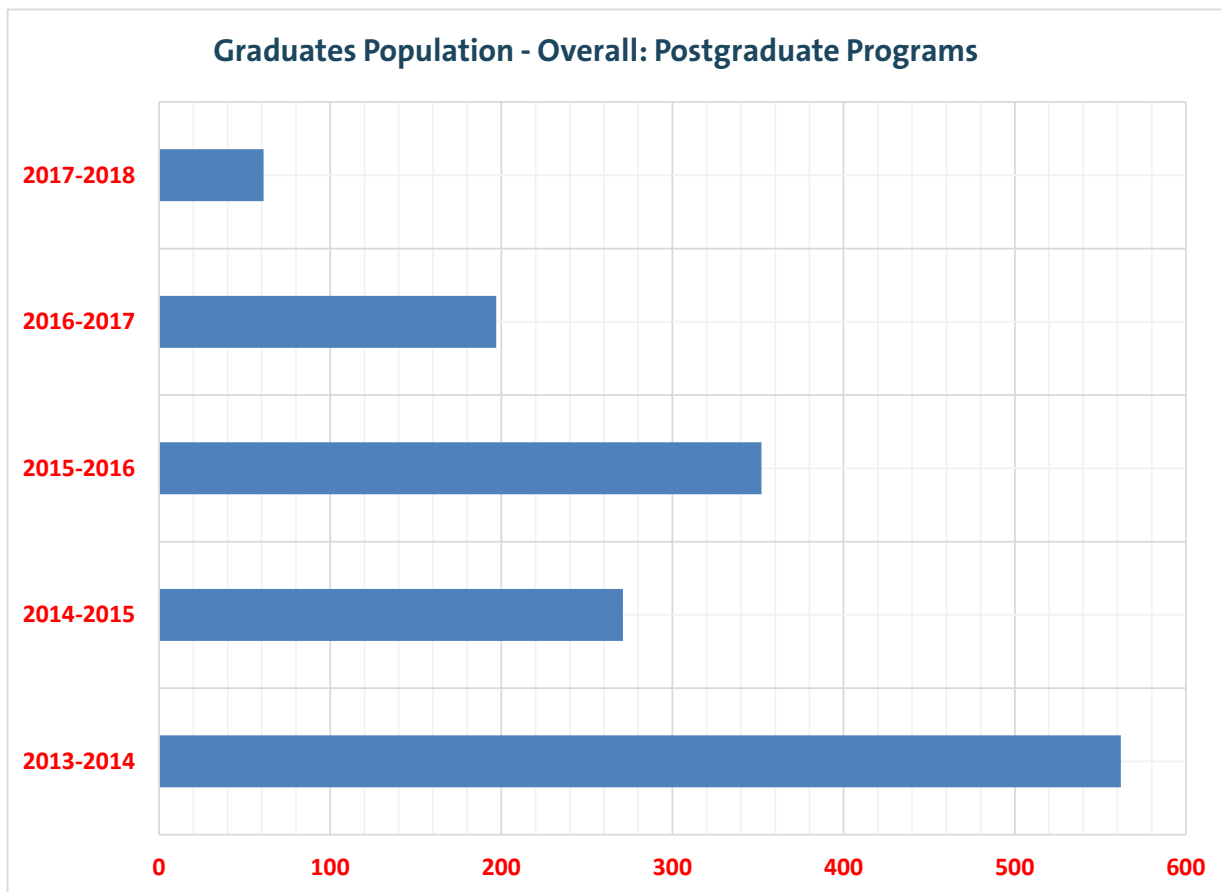


B.1.2. By College

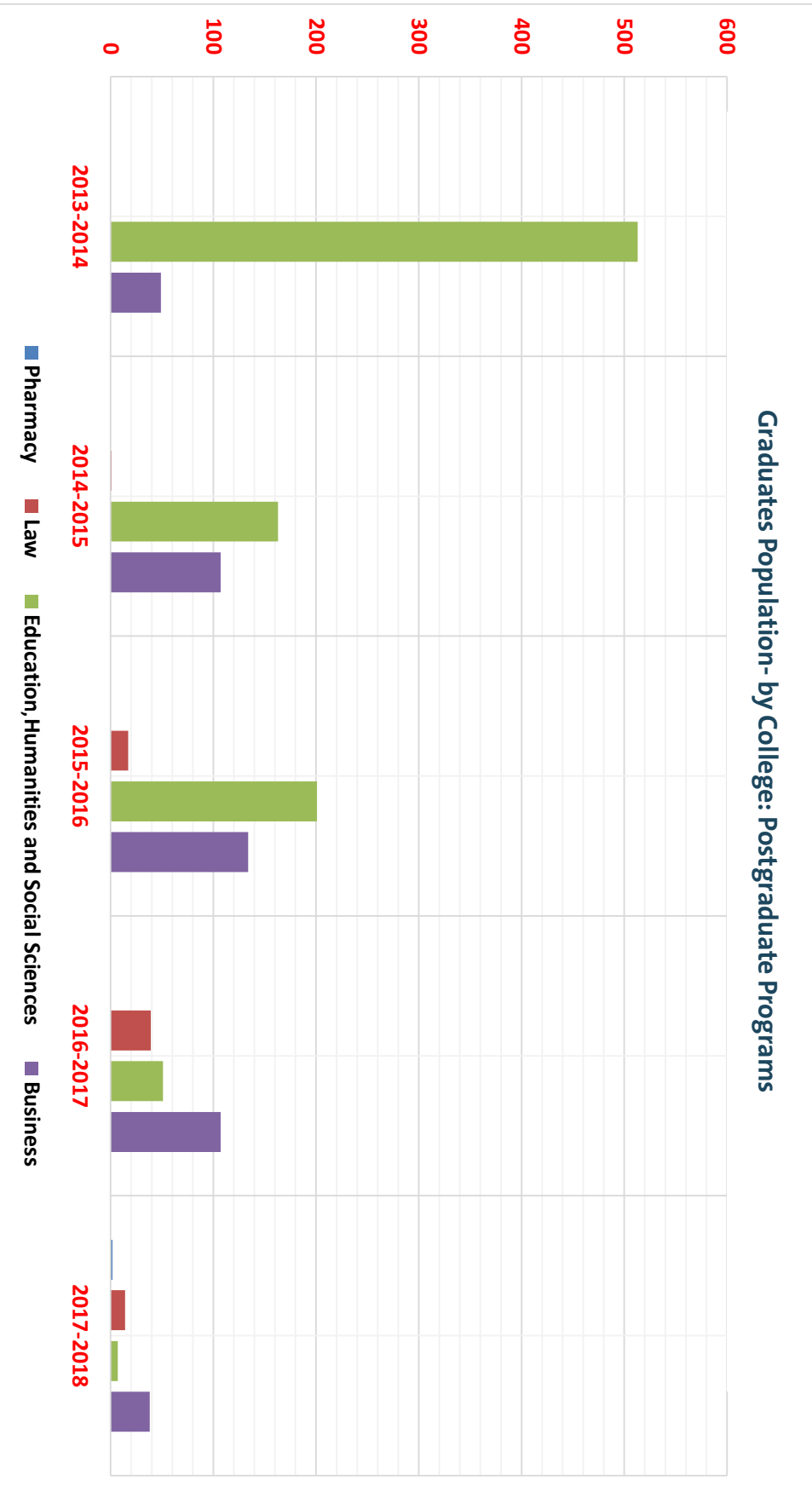


B.2. Postgraduate Programs

B.2.1. Overall



B.2.2. By College

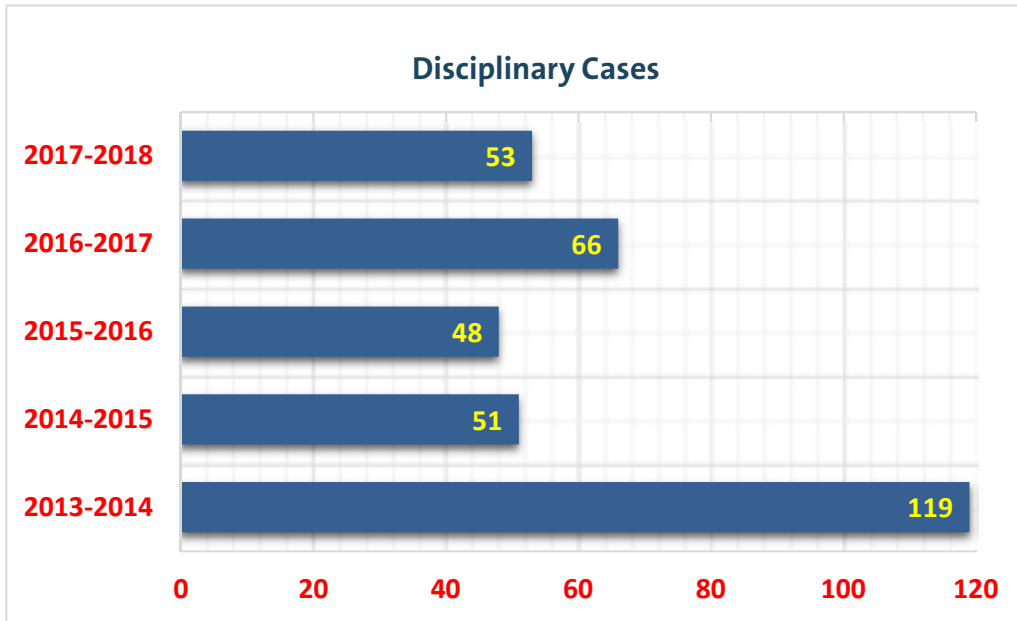




C. Students' Awards

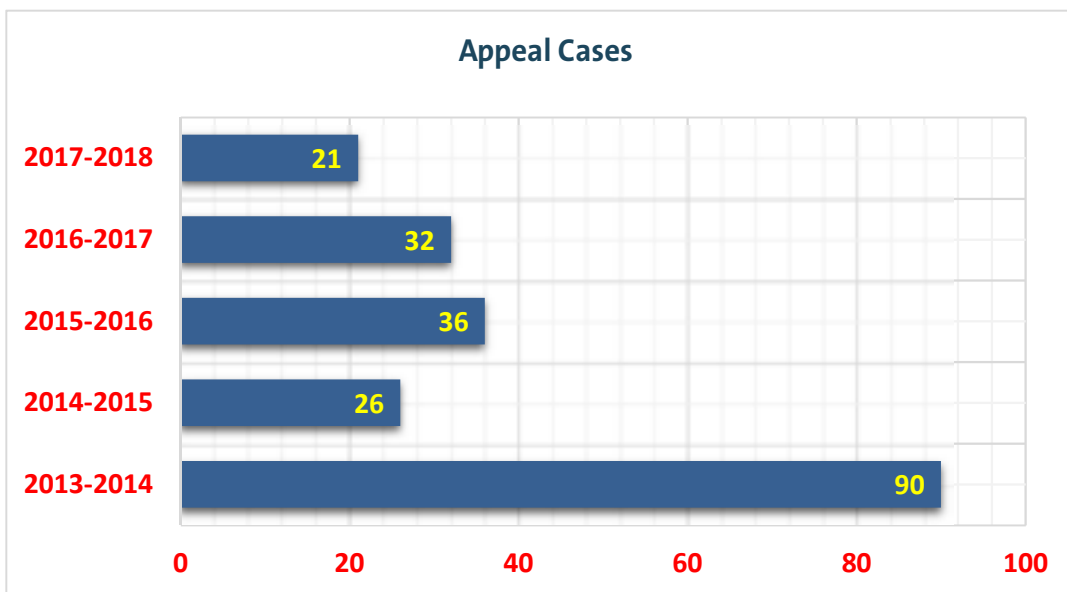
College	Student Name	Title of the Award	Brief Description about the award	ORGANISATION (awarding official entity)	Date of the Award
College of Engineering	Yousef Al Toum	IEEE UAE Student Day 2018	Students' Projects Competition	IEEE UAE Section	April 2018
	Ahmad Ramadan	Gold Medal	1 st Place - Swimming 100m (Breaststroke)	UAE University	November 2017
College of Pharmacy	Nanci Mouki	1 st Best Scientific Poster	Best Scientific Poster - "Second Future Pharmacist Day" Competition	University of Sharjah	April 2018
	Mina Al Hamani				
	Salma Ashraf	9 th Best Oral Presentation Award	Student Oral Presentation Award	Dubai Pharmaceutical and Technologies Conference and Exhibition (DUPHAT)	March 2018
College of Law	Nanci Mouki	10 th Best Innovative Poster Award	Innovative Poster Award		
	Mina Al Hamani				
College of Education, Humanities and Social Sciences	Mohammad Al Shamsi	Silver Medal	2 nd Place - Swimming 100m (Butter Fly)	NYU Abu Dhabi University	November 2017
College of Business	Saif Alghathithi	المركز الثالث - مهرجان المطارة للفنون التراثية	جائزة مهرجان المطارة للفنون التراثية - قدم الطالب لوحتين: مقارنة دولة الإمارات العربية المتحدة بين الماضي والحاضر.	نادي التراث الإماراتي	December 2017
	Rabei Make	Gold Medal	1 st Place - Swimming 100m (Backstroke)	UAE University	November 2017
College of Communication and Media	Alkuwait Al Muharrami	المركز الثاني - جائزة جامعة المشاركة للتصوير الرقمي	مسابقة جائزة الجامعة للتصوير الرقمي يتنافس فيها طلبة كليات الإعلام في الدولة من خلال المشاركة بأعمال تصوير فوتوغرافي.	جامعة المشاركة	November 2017

D. Disciplinary Cases



It is clear, in the table, that the number of disciplinary cases has been reduced by around 50% during the last 5 years. This is due to the efforts of the university management in increasing the students' awareness of the University rules and their rights. The students become more committed to apply the University laws and to follow the University instructions.

E. Appeal Cases





6. Learning Resources

In its efforts to promote learning excellence, AAU is keen to support and strengthen the efficient and effective use of technology in the academic and administrative process to enhance curricular needs. Promoting the teaching and learning resources is a key step in achieving the educational excellence. During the academic year 2017-2018, AAU continued its support to the library, Information Technology Infrastructure and Laboratories.

Library Holdings

Collections	2013 -2015	2014 -2015	2015 -2016	2016 -2017	2017 - 2018
Books	32,068	41,849	47,827	54,632	59,004
Periodicals	2,713	4,294	4,819	4,632	6,423
Multimedia	2,091	2,223	2,502	628,,2	2,830
E-Books	88,356	116,000	128,000	128,000	1,000,081
E-Journals	7,141	10,267	10,267	10,267	10,453
Online Databases	8	8	9	9	10

Library Facilities and Equipment

Facility	Quantity
Study & Discussion Rooms	27
Carrel Tables	76
Reading Tables	60
Seats	429
Book Shelves	74
Computers	111
Lockers	21
Wi-Fi Connection	Available



7. Physical Resources

The total space of the Al Ain campus is 127,646 m², and the total space of the Abu Dhabi campus is 44,000 m². The buildings on both campuses have large spaces for offices, lecture rooms and laboratories with good ventilation and access for natural lighting. Adequate welfare facilities for both genders are provided, student's lockers and sufficient drinking water dispensers are all part of the building. There is an additional third exit designated for emergency evacuation in each campus. A special arrangement is put in place to accommodate individuals with disabilities (students and visitors). The buildings are equipped with smoke detectors and fire alarm. The female and male students have separate lounges for recreation. There is a well-equipped gymnasium in each campus for sports activities where both male and female students have access. Both male and female students have separate cafeterias in both campuses.

INFORMATION TECHNOLOGY RESOURCES

Information Technology Resources (computer hardware, software, telephone systems, networks, services, data, and other information) are available to support and facilitate teaching, research, and administrative functions of the College.

Al Ain Campus Information Technology Assets

Criteria	2014/ 2015	2015/ 2016	2016/ 2017	2017/ 2018
No of PC's	493	528	576	576
No of Laptops	90	105	112	118
No of Labs	10	12	13	13
Operating System	win XP	win 7	win 8	win 10
Hardware Change	Core™2 Duo processors, small desktops	i3 &i5 processors, small desktops	upgrade to i7 6th generation processors, we start using workstations	upgrade to i7 7th generation , we start using MAC PCS
Software Change	Microsoft office 2007	Microsoft office 2010, normal adobe reader, visual studio 2010, we start using SPSS with small no of licenses.	upgrade to office 2013, start using adobe acrobat professional, upgrade to visual studio 2013, start using SPSS 22 with 31 licenses	upgrade to office 2016, start using acrobat professional for mac , upgrade to visual studio 2015, upgrade to SPSS 24 with 32 licenses

Abu Dhabi Campus Information Technology Assets

Criteria	2014/ 2015	2015/ 2016	2016/ 2017	2017/ 2018
No of PC's	117	258	403	450
No of Laptops	42	48	59	63
No of Labs	8	9	15	14
Operating System	Win XP	MS Win 7 Prof	MS Win 7 Prof	MS Win 10 Prof
Hardware Change	we were using Core™2 Duo processors, small desktops	we were using i3 &i5 processors, small desktops	upgrade to i7 6th generation processors, we start using workstations	upgrade to i7 7th generation , we start using MAC PCS
Software Change	Microsoft office 2007	Microsoft office 2010, normal adobe reader, SPSS with 21 licenses	upgrade to Microsoft office 2013, start using adobe acrobat professional, using SPSS 22 with 25 licenses, Rational Rose with 20 licenses, Matlab with 25 licenses	upgrade to office 2016, start using acrobat professional for mac, upgrade to SPSS 24 with 25 licenses, Rational Rose with 20 licenses, Matlab with 25 licenses



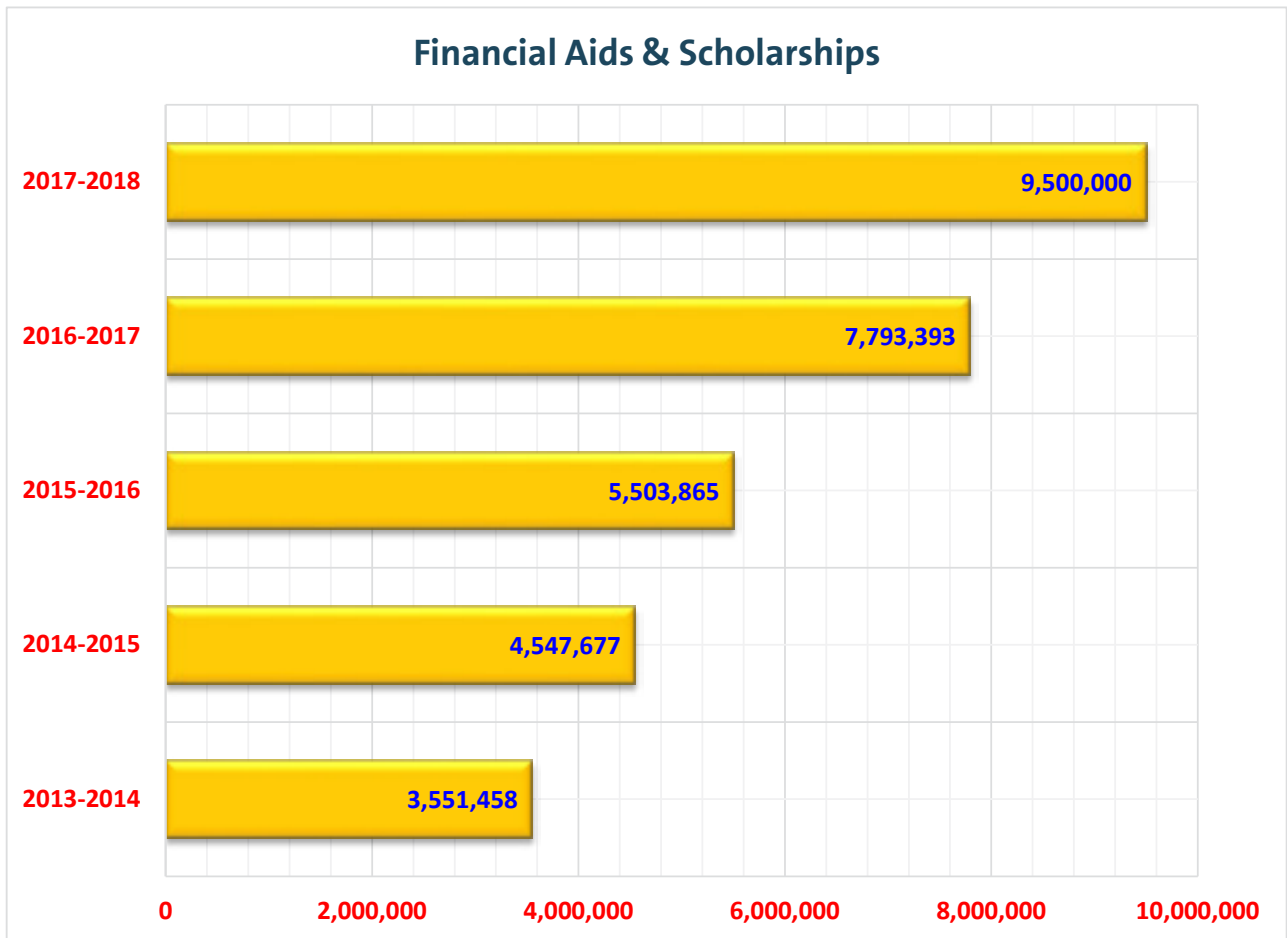
8. Fiscal Resources

Below are the distributions of “Expenditures” and “Financial Aids & Scholarships” for the 2017-2018 academic year.

Expenditures

Academic Year	2013- 2014	2014- 2015	2015- 2016	2016- 2017	2017- 2018
Labs	263,558	117,401	154,760	172,468	200,000
IT Labs	40,354	69,270	53,128	80,777	100,000
Engineering Labs	824,965	874,597	876,990	756,272	900,000
Academic Accreditation	518,699	479,538	536,582	536,222	600,000
Conferences	233,551	389,491	547,078	853,051	1,100,000
Research Incentives	6,287	68,446	107,306	125,912	150,000
Thesis	-	-	77,000	224,000	250,000
Data base registration	322,215	323,751	439,196	529,701	600,000
Int'l membership	91,512	203,100	134,674	122,446	150,000
Computer Machines	395,522	441,330	304,091	360,500	400,000
Library	198,683	174,399	104,278	87,222	100,000
Software	203,486	212,069	223,013	183,945	200,000
Networking	572,771	829,936	696,757	628,538	700,000
Pharmacy Tools	50,793	82,022	88,768	139,760	200,000
Total (AED)	3,722,396	4,265,349	4,343,620	4,800,815	5,650,000

Financial Aids & Scholarships





9. Public Disclosure and Integrity

AAU Publications

AAU is committed to the highest ethical standards in teaching, research, scholarship, and services offered to the students, faculty, staff and its partnerships. All AAU publications (print and electronic) for students, prospective students, and the public provide complete, clear, consistent, and accurate information about the institution. AAU also maintains a comprehensive and up-to-date website.

To ensure clarity, integrity, and transparency, AAU reviewed and updated regularly (in accordance to the CAA standards) the following publications:

1. AAU Catalog
2. AAU Faculty Handbook
3. AAU Staff Handbook
4. AAU Student Handbook
5. AAU Study and Guidance Plans
6. AAU Quality Assurance and Institutional Research Center Manual
7. AAU Coordination Handbook
8. AAU Policies and Procedures Manual

AAU Agreements

AAU welcomes and encourages cooperation with institutions and organizations on all levels. To that end, it has been involved in exchange programs and has signed several agreements, in 2017-2018 (listed in the table below) that aim at benefiting the students and staff of AAU as well as the wider community represented by these institutions and organizations.

#	Organization Name	Objectives
1	University of Dubai	To foster the resource sharing and library cooperation between both parties.
2	Zayed Higher Organization for Humanitarian Care and Special Needs	To build bridges of cooperation, partnership and coordination with each other in order to achieve their objectives.
3	The British Council UAE	To develop educational and cultural cooperation between both parties and to cooperate in their mutual interest for a range of higher educational activities.

10. Research and Scholarly Activities

AAU PUBLICATIONS 2014 - 2017

Year	All Documents Published in Scopus	Published in Scopus Journals	Published in Scopus Conferences	Published in Scopus "Others"	Articles Published in non-Scopus Journals	Articles Published in non-Scopus Conferences	Total Publications
2014	26	22	2	2	48	76	150
2015	31	25	3	3	63	53	147
2016	39	29	7	3	67	24	130
2017	86	67	11	8	47	49	182
2018	102	94	6	2	-	-	102

AAU Scientific Research Incentives System

During (2017-2018) and in order to further encourage faculty members to conduct more scientific research and to publish in reputable Scopus-indexed journals, AAU administration has taken the initiative to modify its scientific research incentives system, as follows:

#	Journal Cite Score	Reward (AED)
1	Less than 2	3,000.00
2	Between 2 and 3.99	5,000.00
3	4 and above	7,500.00

By implementing this system, the scientific research outputs (indexed in Scopus) of the faculty members have been increased significantly, and it is clearly reflected in the above publications table.



11. Community Engagement

Community engagement is a key component of the AAU's strategic plan, identified as Strategic Goal 5: Contribute to society and the local community in particular, by addressing their educational, cultural, social, and economic interests. Colleges and administrative units as well as Deanship of Student Affairs have shared responsibility for community engagement.

Community engagement activities and the university activities are conducted by the Deanship of Student Affairs and the Colleges, based on the community needs. The total activities undergone during the Academic year 2017-2018 are illustrated, and the activities performed by each college are also shown below.

	University Activities			Community Engagement Activities			Total		
	2015-2016	2016-2017	2017-2018	2015-2016	2016-2017	2017-2018	2015-2016	2016-2017	2017-2018
Deanship of Students Affairs	13	18	50	27	64	35	40	82	85
Engineering			3			5	10	4	8
Pharmacy			2			10	14	12	12
Law			3			5	12	6	8
Education, Humanities, and Social Sciences	28	28	8	32	30	12	13	20	20
Business			3			8	10	11	11
Communication and Media			1			5	1	5	6
Total	41	46	70	59	94	80	100	140	150



Future Plans - Academic Year (2018- 2019)

In (2018-2019), AAU aims to fulfill the following targets:

1. Organization and Governance	<ul style="list-style-type: none"> ➤ Maintain full coordination between the two campuses through usage of CISCO videoconference facilities. ➤ Improve the university ranking in the QS Arab Region University Ranking.
2. Quality Assurance	<ul style="list-style-type: none"> ➤ Enhance the quality aspect on many levels in the Colleges and in the administrative units.
3. Educational Programs	<ul style="list-style-type: none"> ➤ Follow-up and submit, on time, the CAA self-study reports for the initial / full accreditation and renewal of accreditation for the academic programs. ➤ Follow-up the progress done for the international accreditations in College of Business (AACSB), College of Education, humanities & Social Sciences (CAEP) and College of Communication and Media.
4. Faculty and Professional Staff	<ul style="list-style-type: none"> ➤ Recruit more highly qualified faculty members and administrative staff.
5. Students	<ul style="list-style-type: none"> ➤ Organize and participate in various national students' championships and competitions.
6. Learning Resources	<ul style="list-style-type: none"> ➤ Expand the library catalogue through increasing the number of library holdings and databases. ➤ Update the university online learning system with the latest e-learning techniques.
7. Physical Resources	<ul style="list-style-type: none"> ➤ Increase the number of labs. ➤ Move three Colleges to the new building in Al Ain Campus.
8. Fiscal Resources	<ul style="list-style-type: none"> ➤ Reconsider and increase the university's scientific research incentive policy in order to motivate the faculty's to be more active in research.
9. Transparency and Integrity	<ul style="list-style-type: none"> ➤ Update all university catalogues and handbooks to disseminate policies and procedures.
10. Research and Scholarly Activities	<ul style="list-style-type: none"> ➤ Increase the number of published Scopus-indexed research studies.
11. Community Engagement	<ul style="list-style-type: none"> ➤ Improve the quality of the community engagement activities implemented to guarantee a high impact on the faculty's research, educational programs and students. ➤ Enhance the academic cooperation through strengthening relations and signing MOUs with local and international institutions.



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