

BACHELOR DEGREE PROGRAMMES APPROVAL IN PRINCIPLE FORM

GENERAL INFORMATION

1. **School:** Sciences and Technology
- Date:** April 23, 2008
2. **Subject Area:** Architecture
3. **Coordinator's Name:** Henry A. Hepburn
4. **Programme Name:** Bachelor of Science in Architecture
5. **Length of Programme:**
 - a) Full Time: Five (5) Years
 - b) Part Time: Ten (10) Years
6. **Intended Frequency of offering:** Initially students will be accepted in Fall of each year
7. **Proposed Starting Date:** Fall 2009
8. **Entry Level Qualifications:** Five (5) BGCSEs at "C" Level or Equivalent with English, Mathematics Graphic Communications (market as above)
9. **Type of Award:** Bachelor of Science Degree
10. **Programme Goals:**

■ The impact that architecture has on our citizenry, communities, and environment is phenomenal. With the main industry of The Bahamas being Tourism, architecture, more than any single profession, has the responsibility to address the issues of Eco-tourism, Green Architecture and Sustainable Development.

■ What is envisioned is a 5-year professional programme in architecture that will be given the seal of approval of the local architectural community/body, *the Institute of Bahamian Architects (I.B.A)* and also COB's Academic Board. It will be of a standard that will afford graduates the competence to function in an office environment, locally and internationally and, additionally, attract international students. An articulation agreement with an accredited international university will be secured to ensure that students wishing to complete their fifth year Professional Degree will have a seamless process.

■ The agreement envisaged will provide an exchange arrangement, inclusive of students and faculty, allowing for the cross-fertilization of ideas and culture. This will allay concerns expressed by local professionals in the field and others that students need broad and diverse exposure.

NEEDS ASSESSMENT

11. (a) Field Of Employment:
Entry-level into the Architecture Profession, the Department of Works and the Department of Physical Planning.
- (b) Higher Degree Eligible For:
The Master of Architecture, the Master of Urban Planning and the Master of Urban Design.

ORGANIZATIONS AND INSTITUTIONS SURVEYED:

12.
 - Present and Past Students of the College of The Bahamas
 - The Institute of Bahamian Architects (IBA), Architecture Professionals and the Ministry of Works
13. An Industry (Architecture) Needs Survey has been undertaken which has affirmed the need for a Bachelor of Architecture Degree.
14. A similar survey was undertaken with respect to students attending the College and those in the Work-force (Architecture Offices). The response from this group was also positive.

MARKET ASSESSMENT

15. **State the Main Source of Students:**

At the outset, it is anticipated that the majority of students will be second-year students from the Associate Degree Programme. There are also a number of past students that are eagerly awaiting the commencement of this programme.

16. **State How Many of the College of The Bahamas Students have Attained the Minimum Entry Qualifications:**

In the Associate of Science Architecture Programme there are approximately eighty (80) students; all graduating students and those graduates who were not financially able to enter university abroad would be qualified to enter the programme, notwithstanding international students. We anticipate a combined number of about twenty (20) students.

17. **State Numbers to be Released from Employment by Institutions (if applicable)**

N/A

18. **State an Estimate of Students Recruitment Based on the Above Information:**

We anticipate a combined number of about twenty (20) students.

RESOURCES

19. Name the Full-Time Faculty Qualified to Teach this Programme

Hepburn, Henry, Assistant Professor, Technology; B.Sc., B.Arch. M. Arch, MRCP, Licensed Practicing Professional, RIBA, AIA, ASID, IBA.

Braynen, Andre, Lecturer, Technology; A.A., B.Sc. Licensed Practicing Professional, IBA.

Donkoh, Daniel, Associate Professor, Technology; B.Sc., M.Sc., Ph.D.

Rolle, Lauren - Technology; Lab Technician

20. State Additional Full-Time Faculty Requirement

Required Faculty for September 2009 - Start of Programme (6)

- 2 full-time Studio lecturers (1 per two studio)
- 1 full-time Architectural History lecturer
- 1 full-time Structures lecturer (Daniel Donkoh)
- 1 full-time Building Services lecturer
- 1 full-time Materials & Methods lecturer

Required Faculty for September 2010 (7)

- 1 additional full-time Studio lecturer

Required Faculty for September 2011 (9)

- 1 additional full-time Studio lecturer
- 1 full-time Professional Practice lecturer

Note: Our present staff level in the architecture programme is probably enough to initiate the Bachelor of Architecture Programme, especially if we incorporate Dr. Daniel Donkoh into our programme to meet some of our engineering requirements.

21. Name Part-Time Faculty and Enclose Letter of Agreement in Each Case

Amos Ferguson - Architect, B.Sc., B.Arch. M. Arch., FIBA, (Approved)

Gus Ferguson - Architect, B.Arch. M. UD., IBA, (Approved)

Vanru Hepburn - Architect/Quantity Surveyor, B.Sc., (Approved)

Ms.Raquel Green – Engineer, B.Sc., (Approved)

22. State Ancillary Staff Required

Required Faculty for September 2009 - Start of Programme (2)

1 computer lab tech w/ CAD background
1 coordinator

Required Faculty for September 2010 (5)

1 additional computer lab tech w/ CAD background
1 librarian w/ 1 librarian technician/clerk
1 Dept. Head (coordinator)

23. State Specialist Teaching Rooms, Laboratories, Workshops and Structural Facilities Needed. Also State Location and Funding for New/Converted Facilities

Existing Facilities:

2 Drafting Labs
1 Computer Lab
1 Model Building Workspace

Future Required Facilities:

4 Design Studio Labs (w/ drawing boards, full wireless computerization, Smart board and Internet access)
2 Model Building spaces/work shops (w/ work desk & display board areas)
1 Technical area (w/ 2 plotters) w/ ability to monitor computers/networks from studios)
1 Exhibition area (to double as seminar/speaker area. Should be able to accommodate entire upper level architectural student population)
1 Architectural library
6 Classrooms (all w/ wireless network access/Smart board & LCD Projector)
10 Offices for faculty and staff
Vending area
Locker area

Minimum Facility Requirements:

T-22 (becomes dedicated to Arch. programme. Remove exist. partitions create Model work area/locker area w/ upstairs becoming tech area – add additional plotter and display boards)

T-06 & Spaces occupied by Art – to become dedicated to Arch. Programme and should become Studios 3 & 4. Rooms to be renovated & upgraded w/ central air conditioning, wireless networking, Smart board & LCD projector.

To accommodate exhibition area, additional offices for faculty and a small, library, the central courtyard of the Tech. building can be renovated to acquire the necessary space.

Note: With renovation to the T-Block vertically the above facilities may be accommodated. Funding to be procured from COB's Budget allotted for Facilities. Notwithstanding, the proposed Science complex needs to be re-visited with a view to its construction.

24. State Tuition and Materials Required

a) Capital Expenditure:

- Desk top computers, plotters and AutoCAD software
- LCD Projectors
- Wide-bodied printer/table
- Lab drafting tables
- Plotter & Printer Paper

Tuition – to be determined

25. Proposed External Examiners

National Architectural Accrediting Board (NAAB)
(Our programme should become a Member of the Association of the Collegiate
Schools of Architecture (ACSA)
OTHER - TBA

26. Proposed Advisory Board Members

Mr. Bruce LaFleur, Licensed Practicing Professional: Principal, Bruce La Fleur &
Associates/Architects/Urban Planners, AIA

Mr. Jackson Burnside III, Licensed Practicing Professional: Principal, Jackson
Burnside Ltd., RIBA, IBA

Mr. Douglas Smith, Licensed Practicing Professional: Chief Architect, ARCOP
Architects Ltd., RIBA, FIBA

Mrs. Alicia Oxley, Licensed Practicing Professional: Architect, Monuments,
Antiquities & Museums

Note: All of the above individuals are Licensed Practicing Professionals that have
contributed to the profession for some 20yrs.Or more.

SIGNED: COORDINATOR _____ **DATE** _____
Henry A. Hepburn

CHAIRPERSON _____ **DATE** _____
(SST) Bridget Hogg