RESPONSES to the APR REVIEW

9 October 2006

Bachelor of Architecture Program

Department of Architecture, College of Engineering

Seoul National University

http:\\architecture.snu.ac.kr

Submitted to

the **Korea Architectural Accrediting Board (KAAB)**

Code	Category	KAAB Review	Response
1-6 Program Overview	Program Strategic Plan	The APR does not specifically address a "Strategic Plan" however the information contained in "A5 - Program Development" seems to address the strategic planning concept. I refer specifically to the description of the "Development Plan for the Department of Architecture for 1999-2006", page 22. Specific strategy plan and additional explanation would be helpful.	Contents related to the Strategic Plan are included in "A6-6 Program Strengths and Future Directions", APR p55-62. Also, please refer to the additional document, "Development Plan for the Department of Architecture for 2007-2011"
1-7 Program Overview	Progresses made for each provision of the strategic plan	As noted in item 6, I believe the information requested is described in "Section A5 - Program Development", page 22-48. Additional explanation would be helpful.	Please refer to the response 1-6
4-6 Curriculum of the Professional Degree Program	Supplemental curriculum which allows options of providing minor if there is any	This information was included in the APR in "Section C6 - Electives", page 112. The APR noted that an academic minor was difficult for students to achieve because of the mandatory course load in the Bachelor of Architecture curriculum. However, if there are any specific credit requirements, it will be helpful to review	Please refer to the Appendix 1. and to the additional document, "Bylaws," attached.

Code	Category	KAAB Review	Response
4-7 Curriculum of the Professional Degree Program	Statistic figure of student numbers of pass / failure / retake of each courses being offered	The descriptive information was included in the APR in "Section C7 - Academic Policies and Information", page 113-114 ; however there was not statistical data included. This may be due to the newness of the Bachelor of Architecture program.	The statistical data are included in "E9-The Total Capacity and Number of Registered Students, Transfer Students, Admitted Students, and Visiting Students for Each Year(Semester)", p162-168. and also please refer to Appendix 2
6-9 Student Information	The criteria for regular / transfer admissions and their relationship between the objectives of the program	Some of the information was included in the APR in "Section E9 - The Total Capacity and Number of Registered Students, Transfer Students, Admitted Students, and Visiting Students for Each Year(Semester)". page 162-168. However, more specific information on Transfer Students and their credit requirements seem to be missing. Additional information would be helpful.	Please refer to the additional document, "Bylaws," attached.
10-2 Financial Resources	Data comparison on annual expenditures per undergraduate and graduate student relative to the other relevant programs in the institution	The APR contained very good financial data on the program; however I could not find the data comparison of annual expenditures per undergraduate and graduate students relative to the other programs at SNU. Described on page 265 in "2. School Support Association Funding", there seems to be about 500,000won($US 500) spent per student, but this is nor really stated.	1. The data of annual expenditures of other programs are not able to be obtained due to its confidentiality. Therefore data comparison cannot be done. 2. Additional explanation is included in "I2-Scholarship Program", p277-279

Code	Category	KAAB Review	Response
11-2 Research Development	Description of relationships between the outcome of the research activities and curriculum	Some of the information was included in the APR in "Section J2 - An Explanation on the Relationship Between Research Activities and the Curriculum in Need of Certification", page 287. However, it needs to be clearly described how research activities and student's curriculum are related in terms of educational point of view.	Please refer to Appendix 3
11-3 Research Development	Relevance between the research projects and the program educational goals	Some of the information was included in the APR in "Section J3 - The Relationship between Research Activities and the Program Mission", page 288. However, it needs to be clearly described how the research projects and student's educational point of view.	Please refer to Appendix 4
12-1 Supplemental Information	The program criteria for admitting transfer students	The APR did not contain additional information in this regard.	Please refer to the additional document, "Bylaws," attached.
12-2 Supplemental Information	Internal regulatory guidelines or regulations for the operation of the program	No descriptive information could be found in the APR on internal guidelines for the operational of the Bachelor of Architecture program.	Please refer to the additional document, "Bylaws," attached.

Code	Category	KAAB Review	Response
12-5 Supplemental Information	Annual statistics pertinent to the program operation	Some of the information can be found in Section E3 Student/Professor ratio on page 139 to 141, Additional information on Annual statistics can be helpful.	For additional information, "SNU Annual Statistics" would be presented at the time of site visit.
12-6 Supplemental Information	Catalogues or information booklet for the program	No catalogues or information booklets were included in the APR	Catalogues and handbooks would be presented at the time of site visit.

We have attached the two additional documents "Development Plan for the Department of Architecture for 2007-2011" and "Bylaws" (internal guidelines for the operation of the B.Arch. program). But the references attached have been written in Korean only. Catalogues and the other information would be presented in English as a whole or summarized at the time of site visit.

> 4 Curriculum of the Professional Degree Program
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>   6) Supplemental curriculum which allows options of providing minor if there is any
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> **This information was included in the APR in "Section C6 - Electives", page 112. The APR noted that an academic minor was difficult for students to achieve because of the mandatory course load in the Bachelor of Architecture curriculum. However, if there are any specific credit requirements, it will be helpful to review.**

Undergraduate students at the SNU can take the Bachelor of Architecture program for minor, major, or double majors. Reversely, students of the B.Arch program can take other majors as minor and double majors, as well. However, as the 5-year B.Arch program is a professional degree program like the one in the medical school, it is very hard to take as minor or double majors. There has been only 1 student who took the 5 year B.Arch program as double majors. The detailed explanation is as follows.

A Minor degree is achieved when a student completes more than required credits of major subjects in other departments. Students who had taken more than 33 credits is qualified to apply for a minor major. For the B.Arch program students, they can apply for a minor major if they complete 2 semesters fully. As students in the College of Engineering, to which the Dept of Architecture belongs can take courses offered by the Colleges of Humanities, Social Sciences, and Natural Sciences, but they are not allowed to take minor majors from the Schools of Medicine, Pharmacy, Arts and Music. Required credits are stated in the bylaws of each major (department).

Students in B.Arch program can take other programs for minor major, and specific criteria are in the bylaw as well. For instance, taking educational programs as minor major, students need to complete more than 34 credits according to 'Educational Certification Handbook[교원자격검정실무편람]'. Theoretically, in B.Arch program, students have to complete 14.7 credits of required and elective courses and 18 credits for maximum, so they are only able to take 3.3 credits of educational courses for each semester. Currently for students from different majors in SNU to take B.Arch program as minor major, 110 credits of required courses should be completed, and average grade should be higher than

2.0 as well as 10 design studios should be taken fully. Therefore 5 more years are necessary from the time of decision being made. The specific criteria are as follows:

* Criteria for academic minor of B.Arch program for different majors in SNU:
      -Qualification : Average grade higher than 2.7 points
                More than 33 credits should be obtained.
      -Selecting method and no. of selecting students
                Interview and written exam(100%)
                Architectural Design: Less than 2 ppl.
                Architectural Engineering: Less than 10 ppl.
      -Performance Criteria
                Architectural Design: More than 110 credits should be completed including required courses.
                Architectural Engineering: More than 30 credits should be completed including required courses in 2nd year.

Double major is achieved when a student completes more than 2 major programs including one's own major. Generally, it means taking another major in the same department, but majors from the educational college are possible. Qualification for applying is obtained after taking more than 50% of minimum credits for graduation. For students of B.Arch program, it is possible after 5 semesters had been completed.
Students of B.Arch program can take double major in the college of engineering, and specific criteria are stated in the 'bylaw'. Students taking double major should complete more than 61 credits for major courses including required courses.
If a student from a different major in SNU wants to take B.Arch program as double major, he/she should take 110 credits of required courses, get higher than 2.0 points, and complete 10 design studios fully. He/she would need at least 5 more years from the time of applying for double major. The specific criteria are as follows:

* Criteria for double major of B.Arch program for different majors in SNU:
      -Qualification : Average grade higher than 2.7 points
                More than 50% of required credits for graduation should be obtained.
      -Selecting method and no. of selecting students

Interview and written exam(50%), Grade(50%)

Less than 60% of enrolled students

-Performance Criteria

More than 110 credits should be completed including required courses.

Appendix 2.

4 Curriculum of the Professional Degree Program
  7) Statistic figure of student numbers of pass / failure / retake of each courses being offered
    The descriptive information was included in the APR in "Section C7 - Academic Policies and Information", page 113-114 ; however there was not statistical data included. This may be due to the newness of the Bachelor of Architecture program.

The statistical data are included in "E9-The Total Capacity and Number of Registered Students, Transfer Students, Admitted Students, and Visiting Students for Each Year(Semester)", p162-168. They are the data of the 2nd semester in2005, and the following Table shows the additional breakdown of the number of students who completed each course in the spring 2006 semester.

In lecture courses, optional major courses can accommodate up to 10 students. Also, students from other departments often take the 1st year course, 'Architectural Presentation Technique (4012.103)', and the 3rd year course 'History of Architecture 2(4012.303)'. Usually, students retake a course in order to improve their grade. Many students retake the 2nd year course 'Architectural Structure 2 (4012.211)', the 3rd year course 'History of Architecture 2(4012.303)', and the 4th year course 'The City Cultures and Urban Conservation (4012.421)' because of a low grade.

The courses that students of the old 4-year program, or students taking courses later than other students in their class, include the 3rd year course 'Architecture and Technology(4012.521)', the 4th year course 'Korean Architecture(4012.403)', 'Building Codes and Regulations(4012.405)', and the 5th year course 'Theory of Architecture(4012.503)'

Course Number	Course Title	Year	Instructor	No. of Enrolled Students	Composition of Enrolled Students			
					No. of Appropriate Students	No. of Students Retaking Course	No. of Students from Other Majors	Other Students(Students from Other Grades, Students of the Old Curriculum, etc.)
4012.101	Architectural Design Studio 1-1	1Year	SeungHoy Kim	12	8	1	1	2
4012.101	Architectural Design Studio 1-1	1Year	Mina Lee	12	8	0	2	2
4012.101	Architectural Design Studio 1-1	1Year	Hyuna Jung	12	11	0	1	0
4012.103	Architectural Presentation Technique	1Year	Bonghee Jeon	19	9	1	5	4
4012.103	Architectural Presentation Technique	1Year	Dunam Choi	20	18	0	1	1
4012.201	Architectural Design Studio 2-1	2Year	Dunam Choi	10	9	0	0	1
4012.201	Architectural Design Studio 2-1	2Year	Jaeyong Lim	9	6	0	0	3
4012.201	Architectural Design Studio 2-1	2Year	Joan Pierpoline	9	6	0	2	1
4012.203	Design Computing	2Year	Jungdae Park	28	22	0	1	5
4012.211	Architectural Structure 2	2Year	Kyungin Kang	33	21	5	1	6
4012.301	Architectural Design Studio 3-1	3Year	Hyuncheol Kim	10	10	0	0	0
4012.301	Architectural Design Studio 3-1	3Year	Donghee Oh	10	10	0	0	0
4012.301	Architectural Design Studio 3-1	3Year	Youngbum Lee	9	5	0	0	4
4012.303	History of Architecture 2	3Year	Hyungmin Pai	49	27	9	10	3
4012.313	Building Materials	3Year	SeungHoy Kim	30	27	0	0	3
4012.401	Architectural Design Studio 4-1	4Year	Kwanghyun Kim	8	6	0	0	2
4012.401	Architectural Design Studio 4-1	4Year	Sungkwan Lee	8	6	0	0	2
4012.401	Architectural Design Studio 4-1	4Year	Jaeeun Ryu	8	5	0	0	3

Course Number	Course Title	Year	Instructor	No. of Enrolled Students	Composition of Enrolled Students			
					No. of Appropriate Students	No. of Students Retaking Course	No. of Students from Other Majors	Other Students(Students from Other Grades, Students of the Old Curriculum, etc.)
4012.403	Korean Architecture	4Year	Bonghee Jeon	34	19	1	0	14
4012.405	Building Codes and Regulations	4Year	Hoon Ryu	41	28	0	0	13
4012.421	The City Cultures and Urban Conservation	4Year	Sohyun Park	21	7	6	4	4
4012.423	Digital Design Research	4Year	Taehong Park	4	1	0	0	3
4012.501	Architectural Design Studio 5-1	5Year	Jinkyoon Kim	7	4	0	0	3
4012.501	Architectural Design Studio 5-1	5Year	Kwanghyun Kim	8	7	0	0	1
4012.501	Architectural Design Studio 5-1	5Year	Hyuncheol Kim	8	8	0	0	0
4012.503	Theory of Architecture	5Year	Kwanghyun Kim	34	20	1	0	13
4012.511	Building System 1	5Year	Byeongho Lee	19	19	0	0	0
4012.521	Architecture and Technology	3Year	Hanjong Lee	52	27	0	0	25
4012.523	Architectural Works Studies	4Year	Youngbum Lee	4	0	0	1	3
4012.528	Housing Studies	3Year	Cheolsoo Park	6	4	0	1	1

Table 5 Course Information (Spring 2006)

Seoul National University requires students to decide their course selection (usually after consulting with their faculty advisor) and to register online. Students have a drop/add period within certain times during the semester. After consulting with their faculty advisor, they must fill out the "Course Drop Sheet" and submit it to their Department office. Because of these options, students are somewhat free to change their schedules.

There aren't many students who had dropped the course except the 3rd year course 'Housing Studies (4012.528)' during the Spring semester of 2006. Also there aren't many students who had got C or D for their final grade, which means most of the students had followed the course process successfully.

Course Number	Course Title	Year	Instructor	No. of Students who dropped the course	No. of Students who Completed the course	Student Grades Distribution				
						A	B	C	D	F
4012.101	Architectural Design Studio 1-1	1Year	SeungHoy Kim	0	12	7	4	1	0	0
4012.101	Architectural Design Studio 1-1	1Year	Mina Lee	0	12	5	7	0	0	0
4012.101	Architectural Design Studio 1-1	1Year	Hyuna Jung	0	12	6	6	0	0	0
4012.103	Architectural Presentation Technique	1Year	Bonghee Jeon	1	19	9	10	0	0	0
4012.103	Architectural Presentation Technique	1Year	Dunam Choi	2	20	8	12	0	0	0
4012.201	Architectural Design Studio 2-1	2Year	Dunam Choi	0	10	8	2	0	0	0
4012.201	Architectural Design Studio 2-1	2Year	Jaeyong Lim	1	9	7	2	0	0	0
4012.201	Architectural Design Studio 2-1	2Year	Joan Pierpoline	0	9	5	2	0	0	2
4012.203	Design Computing	2Year	Jungdae Park	3	28	16	7	0	4	1
4012.211	Architectural Structure 2	2Year	Kyungin Kang	0	33	21	28	9	1	2
4012.301	Architectural Design Studio 3-1	3Year	Hyuncheol Kim	0	10	9	1	0	0	0
4012.301	Architectural Design Studio 3-1	3Year	Donghee Oh	0	10	4	6	0	0	0
4012.301	Architectural Design Studio 3-1	3Year	Youngbum Lee	1	9	4	4	0	0	0
4012.303	History of Architecture 2	3Year	Hyungmin Pai	0	49	17	28	4	0	0
4012.313	Building Materials	3Year	SeungHoy Kim	0	30	21	9	0	0	0
4012.401	Architectural Design Studio 4-1	4Year	Kwanghyun Kim	0	8	6	2	0	0	0
4012.401	Architectural Design Studio 4-1	4Year	Sungkwan Lee	0	8	6	2	0	0	0
4012.401	Architectural Design Studio 4-1	4Year	Jaeeun Ryu	0	8	5	3	0	0	0
4012.403	Korean Architecture	4Year	Bonghee Jeon	0	34	15	14	4	1	0

Course Number	Course Title	Year	Instructor	No. of Students who dropped the course	No. of Students who Completed the course	Student Grades Distribution				
						A	B	C	D	F
4012.405	Building Codes and Regulations	4Year	Hoon Ryu	1	41	18	21	2	0	0
4012.421	The City Cultures and Urban Conservation	4Year	Sohyun Park	0	21	14	6	1	0	0
4012.423	Digital Design Research	4Year	Taehong Park	0	4	3	0	0	0	1
4012.501	Architectural Design Studio 5-1	5Year	Jinkyoon Kim	1	7	6	1	0	0	0
4012.501	Architectural Design Studio 5-1	5Year	Kwanghyun Kim	0	8	7	1	0	0	0
4012.501	Architectural Design Studio 5-1	5Year	Hyuncheol Kim	0	8	7	1	0	0	0
4012.503	Theory of Architecture	5Year	Kwanghyun Kim	0	34	21	11	2	0	0
4012.511	Building System 1	5Year	Byeongho Lee	0	19	16	3	0	0	0
4012.521	Architecture and Technology	3Year	Hanjong Lee	0	52	13	28	8	3	0
4012.523	Architectural Works Studies	4Year	Youngbum Lee	0	4	1	3	0	0	0
4012.528	Housing Studies	3Year	Cheolsoo Park	8	6	5	1	0	0	0

Table 6 Student Grades Distribution

Appendix 3.

11 Research Development
2) Description of relationships between the outcome of the research activities and curriculum
Some of the information was included in the APR in "Section J2 - An Explanation on the Relationship Between Research Activities and the Curriculum in Need of Certification", page 287. However, it needs to be clearly described how research activities and student's curriculum are related in terms of educational point of view.

Description of relationships between the outcome of the research activities and curriculum

Name	Research Topic	Time Period	Participation of undergraduate students	Relevance between research activities and curriculum
Bonghee Jeon	The Continuance and Fluctuation of Phuong Fabrics in Vietnam-colonial Experience and Urban Architecture in Modern Age [베트남 하노이 프엉조직의 지속과 변용]	2004.9.1~ 2007.8.31	1) Participation in site survey of Vietnam[Graduate students-7 ppl, Undergraduate Students-3 ppl / Seoyeon Kwak, Jinjoo Bok, Minjin Kim] 2) Participation in Vietnam International Workshop[Time:2005. 6. 9, Place:Engineer House, SNU, Participants:Graduate Students-30 ppl, Undergraduate Students-40 ppl] 3) Participation in Vietnam Workshop[Time:2006. 4. 22, Place:Lecture Hall, Iroje,]	Related to undergraduate course 'Asian Architecture and Urbanism[4012.530]'; since 2005 cases of Vietnamese architecture are added to the course.
	Documentations of Modern Architecture and Urbanism in Kyujanggak Archives [규장각 소장 근대시기 건축 - 도시 관련 도서의 아카이브 구축]	2005.7.1~ 2007.6.30	1) Participation in scanning work of documentation in Kyujanggak Archives [2005.9~2006.9, Participants:Graduate Students-8 ppl, Undergraduate Students-4 ppl] 2) Use newly found documentation for lecture material in 'Korean Architecture[4012.403]'	Related to undergraduate course 'Korean Architecture[4012.403]'; help students understand the importance of documentation in Kyujanggak Archives; utilize documented materials for the lecture.

Name	Research Topic	Time Period	Participation of undergraduate students	Relevance between research activities and curriculum
	Hanok Asset Upward Portfolio [서울한옥미래자산포트폴리오]	2006.8.1-2008.7.31	Site visit in construction site of traditional house[2006 fall]	Related to undergraduate course 'Korean Architecture[4012.403]';Provide opportunities to experience professional practice of traditional houses
SeungHoy Kim	'Seoul Design' Master plan [서울 도시디자인 기본계획]	2005.5-2006.11	Undergraduate students participated in the research work during summer vacation in 2006.	Students experience to design significant urban places of Seoul and utilize it for their graduation thesis works
	Exhibition in Korean Pavilion, Venice Biennale 2006 [베니스비엔날레 한국관 전시준비]	2006.3-2006.9	Undergraduate students participated in the urban research and presentation work.	Investigation of significant urban places of Seoul such as Bukchon and Yongsan in the design studio 1-2.
Sohyun Park	Historic Districts in Old City Centers and their Design Guidelines [구도심의 역사지구 지정과 지구별 설계지침에 관한 연구]	2004.11.1~ 2005.10.31	-	Utilize the research results as reference materials for undergraduate course, 'The City Cultures and Urban Conservation[4012.421]'.
	Elements and Types of Residential Neighborhood Units: A Preliminary Study for Urban Conservation and Redevelopment of Old Seoul [주거지 생활권단위의 규정요소와 유형에 관한 연구: 서울 강북지역 도시 재개발 및 도시보존을 위한 기초 작업]	2005.7.1~ 2006.6.30	-	Utilize the research findings as discussion subjects of urban redevelopment in the course, 'Architecture and Urban Design'[4012.532]'.

Name	Research Topic	Time Period	Participation of undergraduate students	Relevance between research activities and curriculum
	Documentation of Korean Modern Cultural Heritage: Standards and Guidelines [근대문화유산 기록화 지침서	2004.6.10~2004.12.25	-	Use as a reference in teaching the significance of documenting cultural heritage for the course, 'The City Cultures and Urban Conservation[4012.421]'.
	Family-friendly Residential Neighborhood and Community Design: Concepts and Guidelines [가족친화형 마을환경조성 공동체설계 개념과 지침 기본 연구 용역]	2006.3.30~2006.5.15	-	Use as a case in discussing the concepts and design strategies of 'Maul[Village]' as one of minimum units in urban design during the course, 'Architecture and urban design [4012.532]'.

Appendix 4.

11 Research Development

　　3) Relevance between the research projects and the program educational goals

Some of the information was included in the APR in "Section J3 - The Relationship between Research Activities and the Program Mission", page 288. However, it needs to be clearly described how the research projects and student's educational point of view.

Relevance between the research projects and the program educational goals

Name	Research Topic	Time Period	Relevance between research projects and educational goals
Bonghee Jeon	The Continuance and Fluctuation of Phuong Fabrics in Vietnam-colonial Experience and Urban Architecture in Modern Age [베트남 하노이 프엉조직의 지속과 변용]	2004.9.1~ 2007.8.31	Understanding urban architecture of Vietnam, which had been colonized by the modern western countries and influenced by the Chinese culture, greatly helps to grow one's perspectives on multi-cultural and global society.
	Documentations of Modern Architecture and Urbanism in Kyujanggak Archives [규장각 소장 근대시기 건축 - 도시 관련 도서의 아카이브 구축]	2005.7.1~ 2007.6.30	For broader understanding of regional architectural traditions and cultural knowledge, accessibility to Kyujanggak Archives is remarkable advantage
	Hanok Asset Upward Portfolio [서울한옥미래자산포트폴리오]	2006.8.1-2008.7.31	Learning from the construction site of wooden traditional houses as well as conducing 3-dimensional simulation works would enhance the practical education of traditional architecture-Scheduled to happen during the spring semester, 2007

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Name	Research Topic	Time Period	Relevance between research projects and educational goals
SeungHoy Kim	'Seoul Design' Master plan [서울 도시 디자인 기본계획]	2005.5-2006.11	Design studios are based on the actual and specific urban needs, and the results are to be applied to 'Seoul Urban Design Planning Report'. It provides opportunities to build close relationship and interchange between the academia and the professional fields.
	Exhibition in Korean Pavilion, Venice Biennale 2006 [베니스비엔날레 한국관 전시준비]	2006.3-2006.9	Through participating in preparing for research works and presentation materials for the international exhibition, students experiences variety in architecture, and understand actual places. Explore city by specific research work on 'old city, instant place', theme of the exhibition, students express the phenomena creatively.
Sohyun Park	Historic Districts in Old City Centers and their Design Guidelines [구도심의 역사지구 지정과 지구별 설계지침에 관한 연구]	2004.11.1~ 2005.10.31	The four research projects, broadly grouped into the themes of urban architecture, cultural heritage conservation, neighborhood environments, and community design concepts, are closely related to the educational goal '1. Interdisciplinary Education' with emphasis on regional tradition and humanistic value; goal '2. Architecture and Culture' with emphasis on thoughtful consideration of built environment.
	Elements and Types of Residential Neighborhood Units: A Preliminary Study for Urban Conservation and Redevelopment of Old Seoul [주거지 생활권단위의 규정요소와 유형에 관한 연구: 서울 강북지역 도시 재개발 및 도시보존을 위한 기초 작업]	2005.7.1~ 2006.6.30	
	Documentation of Korean Modern Cultural Heritage: Standards and Guidelines [근대문화유산 기록화 지침서	2004.6.10 ~ 2004.12.25	
	Family-friendly Residential Neighborhood and Community Design: Concepts and Guidelines [가족친화형 마을환경조성 공동체설계 개념과 지침 기본 연구 용역]	2006.3.30~2006.5.15	