

LONG SIGNATURE SHEET



UNC CHARLOTTE

Proposal Number: GRADSCHOOL 10-21-2011

Proposal Title: Establishment of the ~~University~~ Scholars (Fifth Year) Program

Originating Department: The Graduate School

TYPE OF PROPOSAL: UNDERGRADUATE _____ GRADUATE _____ UNDERGRADUATE & GRADUATE X
 (Separate proposals sent to UCC and Grad. Council)

DATE RECEIVED	DATE CONSIDERED	DATE FORWARDED	ACTION	SIGNATURES
			Approved	<u>DEPARTMENT CHAIR</u> Print name: JOHANNA W. WATSON
			Approved	<u>COLLEGE CURRICULUM COMMITTEE CHAIR</u> Print name: SUSAN SELL
			Approved	<u>COLLEGE FACULTY CHAIR</u> Print name:
			Approved	<u>COLLEGE DEAN</u> Thomas Reynolds:
	2/3/2012	2/10/2012	Approved	<u>UNDERGRADUATE COURSE & CURRICULUM COMMITTEE CHAIR</u> (for undergraduate courses)
2-7-12	2-7-12	2-7-12	Approved	<u>GRADUATE COUNCIL CHAIR</u> (for graduate courses)
			Approved	<u>FACULTY GOVERNANCE SECRETARY</u> (noting Faculty Council approval on Consent Calendar)
				<u>FACULTY EXECUTIVE COMMITTEE</u> (if decision is appealed)

University of North Carolina at Charlotte

New Undergraduate and Graduate Proposal

The Graduate School

Title: Establishment of a Fifth Year Program for Academically Qualified Undergraduate Students

Summary

The Graduate School proposes to establish a framework for a new Fifth Year Program through which exceptional undergraduate students may enroll concurrently in certain undergraduate and graduate programs. Programs in the College of Engineering have expressed a strong interest in the Fifth Year Program, and an example of such a program in Mechanical Engineering is attached.

Students will begin graduate work in the senior year of undergraduate enrollment although they will be mentored throughout the Fifth Year Program. The Program will allow students to complete the bachelor's degree and the master's degree in approximately five years, with the two degrees awarded simultaneously after successful completion of all program requirements. The Fifth Year Program may also be accelerated in which up to 12 hours earned at the graduate level may be substituted for required undergraduate hours at UNC Charlotte. If this generic proposal is approved by the Faculty Council and the Graduate Council, any subsequent request by a department to offer a Fifth Year Program must be submitted to the standard graduate and undergraduate curriculum process for consideration (via a long form).

Minimum Admission Requirements: Students applying for admission for the Pre-Fifth Year Program must have a minimum high school GPA ≥ 3.75 (on a 4.0 scale) and provide a minimum score of 1700 on the SAT; they will be considered for admission to their undergraduate program of study and the Pre-Fifth Year Program by the Undergraduate Admissions Office.

Enrolled freshmen in the Pre-Fifth Year Program will be contacted by the Graduate School in the fall semester of the freshman year with instructions to formally apply to the Fifth Year Program by the March 15th application deadline. To be considered for admission to the Fifth Year Program, applicants must submit the online application for graduate admission including a Statement of Purpose. Applicants must also present three (3) strong recommendations in support of the application; at least one recommendation must be from their high school teacher and another from a UNC Charlotte faculty member.

Applicants admitted to the Fifth Year Program will be identified as such in Banner. Applicants denied admission to the Fifth Year Program or those freshmen identified as Pre-Fifth Year Program students

who do not apply for full admission to the Fifth Year Program will have the Pre-Fifth Year Program designation removed from their curriculum in Banner.

Continuing Enrollment Requirements: Fifth Year Program students must maintain a strong academic record at the undergraduate and graduate levels with a minimum UGPA ≥ 3.0 ; additionally, they must exhibit stellar performance in all field experiences, research, and coursework. Students who do not maintain the minimum UGPA will be placed on probation from the Fifth Year Program the first semester and will be dismissed from the graduate program at the end of the second semester. Students will be subject to the same policies that pertain to other matriculated undergraduate and graduate students.

Financial Aid and Tuition: Fifth Year Program students will be considered for undergraduate financial aid and funding prior to completion of 121 semester hours of undergraduate credit; afterwards, they may be considered for graduate financial assistance. In the fourth year of study when the first graduate course is taken, students will be considered “undergraduate” students and will be charged undergraduate tuition and fees. In the fifth year, when only graduate coursework is taken, students will be charged graduate tuition and fees.

Support: Academic programs are expected to engage Fifth Year Program students continuously throughout their undergraduate and graduate programs. Towards this end, students will be provided excellent advising, mentoring, and financial support, as well as opportunities to participate in research.

Proposed Catalog Copy

Fifth Year Program. Exceptional high school and undergraduate students may be accepted into a Fifth Year Program whereby they simultaneously pursue the baccalaureate and master’s degrees and gain invaluable mentoring and research experience along the way. The Fifth Year Program may also be accelerated in which up to 12 hours earned at the graduate level may be substituted (“double counted”) for required undergraduate hours. A list of Fifth Year Programs at the undergraduate and graduate levels may be found online at <http://graduateschool.uncc.edu>.

In those programs offering this option, an applicant may be accepted to the Pre-Fifth Year Program directly from high school with a minimum GPA ≥ 3.75 (on a 4.0 scale) and a minimum score of 1700 on the SAT. Enrolled students will apply for full admission to the Fifth Year Program in the spring semester of their freshmen year. They must submit an online application for graduate admission and Statement of Purpose as well as three (3) strong recommendations in support of the application; at least one recommendation must be provided by a high school teachers and another from a UNC Charlotte faculty member who taught the applicant in the fall semester. The application and supporting documents must be submitted to the Graduate Admissions Office by March 15th of the freshman year. Enrollment will be based on program capacity, and certain programs may have more stringent admission policies.

NOTE: Students admitted to a Fifth Year Program (undergraduate + graduate degrees) are not eligible to hold a graduate assistantship until their final year of study when they are only taking graduate courses. In the fifth year of study, students will be considered “graduate” students and will be charged graduate tuition and fees.

Justification

The goal of the Program is to recruit academically talented high school and undergraduate students to undergraduate and graduate programs at UNC Charlotte, and to support them through to graduation from both programs of study. The Fifth Year Program will benefit undergraduate and graduate programs in fields where the master's degree is considered the entry-level credential, and will also allow the University to attract and retain some of the brightest undergraduates to our programs of study early in their academic career.

Impact

Both undergraduate and graduate students will be served by the Fifth Year Program, and it will provide an excellent venue to encourage under-represented students to engage in study beyond the undergraduate degree in the very early stages of their undergraduate programs. In particular, the Fifth Year Program will enable faculty in academic programs to mentor young scholars and provide them with experiential and research opportunities throughout their tenure at UNC Charlotte. Successful programs should positively impact retention and graduation rates of both undergraduate and graduate programs. Because of the commitment to participate in the dual undergraduate/graduate Fifth Year Program, we anticipate that the enrollments will be fairly small in order for graduate faculty to mentor and support students. Undergraduate advisors will have to be involved in the program development to effectively advise students in course selection, and the Graduate and Undergraduate Admissions Offices (domestic and international), Office of Student Financial Aid, and the Office of the Registrar will all be active participants in the recruitment, admission, enrollment and graduation of the Fifth Year Program students.

Resources Required to Support Proposal

1. Personnel: No new personnel will be required to implement the Fifth Year Program, although existing staff in the administrative units mentioned above as well as faculty and advisors will be required to dedicate some time to establish and run the program as well as mentor the students.
2. Physical Facility: None
3. Equipment and Supplies: None
4. Computer: None
5. Audio-Visual: None
6. Other Resources: Recruitment materials, both electronic and print, will need to be developed to recruit students.
7. Sources of Funding: Financial support for summer stipends to support students in undergraduate research opportunities, etctera, will be provided as needed by the academic department offering the Fifth Year Program.

Consultation with Library and Other Units

Library Consultation: A library consultation was not performed given that resources to support the undergraduate and graduate programs already exist.

Consultation with other departments or units: The Fifth Year Program proposal was provided to Ms. Kathi Baucom, retired Associate Provost for Enrollment Management; Mr. Tony Carter, Director of Student Financial Aid; Ms. Tina McEntire, Associate Vice Provost for Enrollment Management and Director of Undergraduate Admissions; Mr. Christopher Knauer, Registrar; and members of the Graduate Enrollment Management [GEM] Workgroup, comprised of Associate Deans in the academic colleges and other members of the University community; and Dr. Janet Levy. The consultations resulted in modifications to the proposal that culminated with the Fifth Year Program as presented herein.

Initiation and Consideration of the Proposal

The Fifth Year Program proposal was developed in early 2010 after interest in such a program was expressed by faculty in the College of Engineering. Further, the idea and proposal were vetted through the Graduate Enrollment Management Workgroup, and the Graduate Council considered the idea in fall 2010. All involved groups provided feedback that resulted in the proposal herein.

Attachments

Correspondence from consultations with various constituencies is attached in support of the proposal.



UNC CHARLOTTE

The WILLIAM STATES LEE COLLEGE *of* ENGINEERING

Office of the Dean

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January 30, 2012

Ms. Johnna Watson
The University of North Carolina at Charlotte
The Graduate School
9201 University City Blvd.
Charlotte, NC 28223-0001

Johnna

Dear Ms. ~~Watson~~:

On behalf of The William States Lee College of Engineering, we wholeheartedly support the Graduate School's proposal for a Five-Year Program for undergraduates leading to the completion of the bachelor's and master's degree in a seamless and accelerated fashion. This proposal has been something that the college has wanted to see adopted at UNC Charlotte for several years. The program will allow us to market our programs to the best students in the region and nation. It will allow us to increase our graduate enrollments and will afford the best students opportunities that are currently not available to them at UNC Charlotte.

We see this also as a way to respond to the needs of the technical and social workforce that will keep UNC Charlotte at the forefront of education in this region and state. The program allows us to respond to the national needs that have recently been expressed for a trained STEM workforce. We see this program as a welcome adjunct to the progress that the college and university have made in becoming a research university. We fully support the Graduate School's proposal for a Five-Year Program at UNC Charlotte.

Sincerely,

Rae Smelser

Ronald E. Smelser, Ph.D., P.E.
Professor and Associate Dean

cc: Robert E. Johnson

UNC Charlotte Department of Mechanical Engineering and Engineering Science

Five Year BS/MS Curriculum

ENGR 1201	INTRO TO ENGINEERING I	2	ENGR 1202	INTRO TO ENGINEERING II	2
CHEM 1251	CHEMISTRY I	3	PHYS 2101	PHYSICS I	3
CHEM 1251L	CHEMISTRY I LAB	1	PHYS 2101L	PHYSICS I LAB	1
MATH 1241	CALCULUS I	3	MATH 1242	CALCULUS II	3
ENGL 1101	ENGLISH I	3	ENGL 1102	ENGLISH II	3
LBST 110X	ARTS AND SOCIETY	3	SCIENCE ELECTIVE		3
Total Credit Hours			Total Credit Hours		
15			15		

PHYS 2102	PHYSICS II	3	MEGR 2180	MANUFACTURING SYSTEMS	3
PHYS 2102L	PHYSICS II LAB	1	MEGR 2156	DESIGN PROJECT LAB I	2
MEGR 2141	ENGINEERING MECHANICS I	3	MEGR 2144	SOLID MECHANICS	3
MATH 2241	CALCULUS III	3	MATH 2171	DIFFERENTIAL EQUATIONS	3
ECON 2101	MACRO ECONOMICS	3	ECGR 2161	BASIC ELECTRICAL ENGINEERING	3
LBST 2101	WESTERN CULTURE	3	MEGR 2240	COMPUTATIONAL METHODS	3
Total Credit Hours			Total Credit Hours		
16			17		

Research Experience for Undergraduates (REU)

MEGR 3111	THERMODYNAMICS I	3	MEGR 3112	THERMODYNAMICS II	3
MEGR 3121	DYNAMIC SYSTEMS I	3	MEGR 3122	DYNAMIC SYSTEMS II	3
MEGR 3161	ENGINEERING MATERIALS	3	MEGR 3116	HEAT TRANSFER	3
MEGR 3171	MEASUREMENTS & INSTRUM.	2	MEGR 3156	DESIGN PROJECT LAB II	2
MEGR 3171L	MEASUREMENTS & INSTRUM. LAB	2	MEGR 3114	FLUID MECHANICS	3
MEGR elective	TECH. ELECTIVE (3XXX/4XXX level)	3	MEGR 3152	MECHANICS & MATERIALS LAB	2
Total Credit Hours			Total Credit Hours		
16			16		

Industrial Internship

MEGR 3255	SENIOR DESIGN I	2	MEGR 3256	SENIOR DESIGN II	2
MEGR elective	Tech. Elective (6XXX graduate)	3	MEGR elective	TECH. ELECTIVE (3XXX/4XXX level)	3
MATH elective	MATHEMATICS ELECTIVE	3	MEGR elective	Tech. Elective (6XXX graduate)	3
LBST 2102	GLOBAL UNDERSTANDING	3	LBST 221X	ETHICAL ISSUES	3
MEGR 3221	MACH ANAL & DESIGN	3	MEGR 3216	THERMAL/FLUIDS DESIGN	3
MEGR 3251	THERMAL/FLUIDS LAB	2			
ENGR 3295	PROFESSIONAL DEVELOPMENT	1			
Total Credit Hours			Total Credit Hours		
17			14		

Graduate Research or Project

MEGR 7XXX	MEGR Graduate Course	3	MEGR 7XXX	MEGR Graduate Course	3
MEGR 7XXX	MEGR Graduate Course	3	MEGR 7XXX	MEGR Graduate Course	3
MEGR 7XXX	MEGR Graduate Course	3	MEGR 7XXX	MEGR Graduate Course	3
	Graduate Thesis	3		Graduate Thesis	3
Total Credit Hours			Total Credit Hours		
12			12		

TOTAL BS/MS Credit Hours 150

Watson, Johnna

From: Carter, Tony
Sent: Tuesday, November 01, 2011 3:50 PM
To: Watson, Johnna; McEntire, Tina; Knauer, Chris
Subject: RE: Fifth Year Program Proposal

Johnna,

The proposal, as it relates to financial aid, looks fine. As long as we can determine who the students are in Banner , we can easily monitor their eligibility.

Tony
**

Tony D. Carter, M.A. | Director
Office of Student Financial Aid
UNC Charlotte | 106 Reese Building
9201 University City Boulevard | Charlotte, NC 28223
Phone: 704-687-7010 | Fax: 704-687-3132
acarte1@uncc.edu | <http://www.uncc.edu>

From: Watson, Johnna
Sent: Friday, October 21, 2011 3:15 PM
To: McEntire, Tina; Knauer, Chris; Carter, Tony
Subject: Fifth Year Program Proposal

Folks,

You've seen this document before, but I would appreciate you eyeballing it again and providing me with any relevant feedback. The Graduate Council has blessed the concept and I am prepared to submit the proposal via a Long Form to the Faculty Council for consideration. First, however, I would like communication from you that your units are supportive of the initiative so as to provide the Faculty Council with assurance that appropriate consultation was done. If you have additional ideas, suggestions, or changes please let me know so that I can incorporate them.

Thanks (again!).

Johnna

Watson, Johnna

From: McEntire, Tina
Sent: Tuesday, January 03, 2012 11:34 AM
To: Watson, Johnna
Subject: FW: Fifth Year Program Proposal

Hey chicka! Happy New Year. I asked Barb and Claire to review the Fifth Year Program Proposal awhile back but am just now getting around to sharing their thoughts. Most of their questions are on the implementation level and not on the actually proposal content. There is no need to answer all these questions until the proposal is approved but is something to think about in the implementation phase. What is the timeline for approval of this proposal? Thanks. Tina

Tina McEntire | Associate Provost for Enrollment Management
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From: Kirby, Claire
Sent: Monday, November 14, 2011 10:33 PM
To: Seyter, Barbara; McEntire, Tina
Subject: RE: Fifth Year Program Proposal

Sorry for not getting this to you earlier today. Barb has good points below. Moving forward, we need to be involved in the discussion for adding these majors or curriculum codes to Banner. That will impact our system. It's more manageable for us to list it as a separate major – Mechanical Engineering Pre-Fifth Year, for example. It would be more difficult for us to admit them to the primary major with a secondary curriculum designation of Pre-Fifth Year. Think ELTI mess...

I assume the Graduate School will be responsible for developing any additional recruitment materials specific to these programs. We would only need to add the options to our current majors lists and be prepared to talk about the options with students.

Claire Kirby | Interim Director of Admissions
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ckirby@uncc.edu | <http://admissions.uncc.edu>

From: Seyter, Barbara
Sent: Sunday, November 13, 2011 10:34 PM
To: McEntire, Tina
Cc: Kirby, Claire
Subject: RE: Fifth Year Program Proposal

Tina,

The general idea is good. A few things:

1. The admissions requirements need to be clarified. It gives minimum admissions requirements, but makes no mention of MCR and specific SAT requirements (520 Math for Engineering, etc.). If these guidelines will be published, then we need to expand upon them to include these items.

2. When is the implementation timeline for this? I assume after fall 2012?

3. It doesn't mention currently enrolled students, would they be eligible to apply, or would this be for new students entering the university only? And, what about change of majors, how would they be considered if they changed into a program that offered this option? Who would review them? Would students who didn't meet the requirements be able to reapply once they enroll if they didn't meet the specific requirements through the admissions process (and who would review them)? And what about transfer students- are they excluded?

4. Just to clarify, when the graduate school contacts the student in their first semester to submit the required recommendation letters, they will be reviewing them and ensuring the student still meets the requirements, correct?

That's all that I can think of right now.

Thanks!

B

From: McEntire, Tina
Sent: Sunday, November 13, 2011 1:07 PM
To: Kirby, Claire; Seyter, Barbara
Cc: Watson, Johnna
Subject: FW: Fifth Year Program Proposal

Claire and Barb, Please read over this carefully and detail to me any compliments/concerns that you have about the proposal or future implementation of this new program. I would love to have your comments by end of day on Monday, if possible. Thanks, Tina

Tina McEntire | Associate Provost for Enrollment Management
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Thanks (again!).