Agreement Information

Institution name	Universidad del Norte (UN), Barranquilla, Colombia
Type of agreement	Memorandum of Understanding (MOU)
Effective period of agreement	Indefinite; either party can terminate with 6 month notice
Sponsoring entity of	College of Engineering, Department of Computer Science and Engineering

Institution Information

Anticipated collaboration activities under this agreement	Graduate degree completion of UN students at USF
Please explain how the above activities align with the University's 2010-2012 strategic plan	Internationalization of the University. Expanding interdisciplinary research, creative, and scholarly endeavors
Prior or current collaboration activities with this institution	Undergraduate MOU, Undergraduate Exchange Agreement
General information regarding the institution	UN is the main private university in the Colombian Caribbean region. The College of Engineering is ABET accredited

Sponsor Contact Information

Contact name	Dr. Miguel A. Labrador
Contact phone number	974-3260
Contact e-mail	mlabrador@usf.edu

Endorsements

Title	Name	Signature	Date
Faculty member	Dr. Miguel A. Labrador		
Department chair	Dr. Lawrence Hall		
College Dean	Dr. John Wiencek		07/10/2012
Dean of International Affairs	Dra. Maria Crummett		7/16/12

7/16/12

7/17/12

This Memorandum of Understanding (MOU) is between ...ersi... Del Norte (UN...) in Barranquilla, Colombia, and the University of ...uth Flori... (USF...) ...iste... a public bo...ly corporate, fo... it... College of Engineering (CoE). S...ifically, th... MOU... tra...r of UN's ...aduate studen... t... USF's Department of Computer ...ence and ...ginee... ...G

1. UN i... interested in having their Master... of Co... ...th ...... System... Engineering ...omplete 12 ...US... graduate equivalent credits ...UN and th...n tran... ...co... ...te the de...ee requirement...

2. UN will choose the studer... and submi...t their ...icat... to USF th...ou...h the Colleg... c... Engineering's Director of A...ssions an... Advisi...
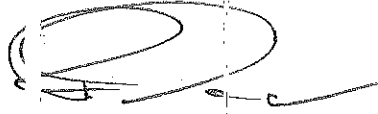
3. UN students must take the ...OEFL an... the g...... ...xam... ...d obtain ...e minimum sc...re requi...red for admission to ...e gradua...e prog... ...Dep...ent of C...p...ter Science ar... Engineering, as specified in ...departm...nt's W... ...cse... p...f.edu):

Regardi...g the TOEFL:

   a. Submission of TOE... cores with an Int... ...cor... ...79 or high... f... applicants ...ro... non-English speaki... count...ies... f cons... ...n a... ...rantship is ...es...ed, the spe...ki... score component ...e TOEFL ...must b... ...e, o...score of 6... ...or the Internation... English Language T...ing Sy...tem... (IELT... ...

   b. The TOEFL re...ement's r...ay be ... ...ap...ant meets on... of the follow... conditions:
  - Has sc...d 500 or higher o... ...bal ...C...
  - Has ea...d a college degre... ...titu...si...t of higher ...ar...ing.
  - Has ea...d a college degre... ...titu...a...whose lan...ua...e of instruct...n... English ...ust b...n...ted or... ...t).
  - Has sc...d 6.5 on I...ternat... ...ang...li...e Testing ...st...m, (IELTS).

Regardi...g the GRE:

   c. UN studerts will ...exemp...t fr...m the ... ...tion...o...ce UN is ...ur...versity accre...lit... by a US accreditat... body (AB...T), as ... ...e cu...r...t entranc... re...uirements.

   d. For other admissi...equire me...ts, the ... ...uld ...sult the "...dm...sions and Re...at... Matters" chapter ...e Gr...du...e Cata... ...

4. Attachment I shows thos... ...ourse...s fr...m UN ... ...aut...atically transf...rred, if the ...ra... obt...ined is B... or better.

5. Attachment II includes a g... ...e equival...ce tal... ...

6. Attachment III includes ...ist of o...tional... ...ses ...at the stude...ts could ta...e con...plete the remaining 1... edits at U...F.

7. Atta...chment IV sh...ws the ...urses ...ha... the st... ...tal...t USF and o...th...r requireme...ts... gra...uate with a Master o... ...ence in C...mpute... ...CS... ...ree.

8. Courses/cur...icula and US... ...aduate r...quirem... ...nes ...nge and b...th...arties must ...e... con...tinuous communicatio... satisfy t...e requ... ...is M...t...

9. With a six-month notice, ...er party c...n end...
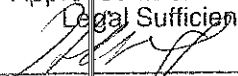
University of South Florida
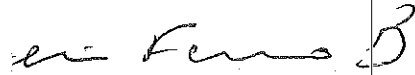
Dr. Ralph Wilcox
Provost

29 July 2012
Date

Approved as to Form and
Legal Sufficiency

Henry W. Lavandera
Attorney USF

Universidad del Norte

Dr. Jesus Ferro Bayona
Rector

JUL. 2012
Date

The ... includes the grad ... m of the Master
Syst ... g at the Universit ... ed transferable fe
to t ... cience in Comput ... es taken from UN
this ... nsidered on a cas ... ation of the requ
No ... of these courses ...

Cou		
Ad	Mathematics	
Op	ry	
Qu		
Ne	gy	
Ne	tion	

... Quality

... ment Methods

... ment Platforms

in Computer and
or 3 credits each
not included in
ired information.

Title	USF Credits
	3
	3
	3
	3
	3
	3
	3
	3
	3

Attachment II

Grade equivalence table:

UNORTE Grades	Equivalent Grade in USF
4.50-5.00	A
3.80-4.49	B
3.50-3.79	C
3.00-3.49	D
Less than 3.0	F

List of opt ses to complete 18 credits at USF

- 8145 CA 5400 901 Digit   ocessing
- 9244 CA 5771 1 Data M
- 8527 CIS 6930 1 Fuzzy Lc   es
- 8915 CIS 6930 2 Advanc   er Vision
- 814 CIS 6930 3 Semina   otics
- 816 CIS 6930 4 Algorith   res
- 826 CIS 6930 10 Adv. C
- 847 CIS 6930 12 CMOS
- 867 CIS 6930 901 Com   tion Methods
- 833 CIS 6940 802 Grad
- 164 CAP 5625 1 Introd   Interface
- 117 CAP 6100 1 Huma   r-Aided
- 146 CDA 5416 1 Intro   informatics
- 170 CIS 6930 2 Data M   Design
- 137 CIS 6930 3 Adv. Pı
- 130 CIS 6930 5 Biome
- 12 C S 6930 7 Paralle   ted Comp
- 16 C S 6930 8 Bio-Ins   Robotics
- 18 C S 6930 9 Semin   cs
- 13 C S 6930 13 Prob.   Est. & Inference
- 12 C S 6930 7 Paralle   ted Comp

After transferring 12 UN credi[...] [...] mus[...] sfully comp[...]te the[...] [...]ai[...]ing 18 credit hours at USF, as follo[...]

1. They must take the three [...] [...] CS d[...] EEL 6764 Pr[...]ciples [...] [...]np[...]ter Architecture, COP 6611 Ope[...]

2. They need to demonstra[...] [...] [...] successful defense of a Ma[...] [...] courses listed above (Non-[...]

3. To be part of this agreem[...] and take at least 12 credit [...]

4. They must maintain a mi[...] semester places the stude[...] semesters may result in th[...]

5. For the non-thesis option, the[...] elective courses, and one [...] At least 16 credit hours m[...]

6. For the thesis option, the[...] remaining credits can be [...] courses can be an Indepe[...] 6000-level for the entire p[...]

7. The thesis option require[...] thesis work. The major [...] Computer Science and [...] of Systems Engineering D[...]

8. The thesis work must the[...] before the final acceptan[...] thesis work will be share[...] contributions.

9. UN students will pay tuit[...] approved rates at that ti[...] at USF for graduate stud[...] scholarships that will cate[...]

Course Location		Graduate Level O[...]	[...]ta[...]e
		[...]000 & [...]	
Tampa		$821.0[...]	

Grad[...] [...]vel [...] & U[...]
[...].76