

## Computer Science Combined Degree (BS/MS)

To encourage undergraduate computer science students to extend their studies to include a graduate degree, the Computer Science Department has a combined program which permits students to earn both B.S. and M.S. degrees in the discipline. This program allows students to designate two three-credit hour courses to count for both degrees. The two three-credit hour courses designated for both degrees must **not** have been completed at the time of application and they must have graduate course standing.

Students may be admitted to the Computer Science Combined Degree Program after completion of 90 credit hours towards the B.S. degree with a GPA of at least 3.0, and before completion of the B.S. degree.

Completed applications must be received at the School of Graduate Studies by May 15 for Fall semester admittance and August 15 for Spring semester admittance. A complete application includes:

1. School of Graduate Studies application and application fee
2. Three letters of reference
3. Statement of Purpose
4. Transcripts
5. Program of Study - Computer Science Combined Degree

The student is admitted to the School of Graduate Studies upon the completion of 125 credit hours toward the B.S. degree with a GPA of 3.0 or higher. Students in the program may opt to be awarded their B.S. and M.S. degrees sequentially or at the same time.

### Faculty and Areas of Expertise

- **Travis J. Desell, Ph.D.**, Programming Languages, Machine Learning, High Performance Computing, Scientific Computing
- **Emanuel S. Grant, Ph.D.**, Domain-specific Modeling Languages, Formal Methods, Domain Analysis and Design, Requirements Engineering
- **Wen-Chen Hu, Ph.D.**, Green Computing, Location-based Service, Hand-held Computing, Image Databases
- **Eunjin Kim, Ph.D.**, Artificial Intelligence, Computational Intelligence, Fuzzy Logic, Relation System, Interval Computing, Soft Computing, Medical Computing, AI/CI in Medicine
- **Jun Liu, Ph.D.**, Cross-layer Optimizations in Wireless Networks, Adaptive Support for Time-critical Streaming Media, Load Balancing in Computing Clusters
- **Ronald A. Marsh, Ph.D.**, Pattern Recognition, Scientific Computing, Game Design, Image Processing, Computer Graphics
- **Thomas E. O'Neil, Ph.D.**, Natural Language Processing, Theoretical Computer Science, Programming Languages, Cognitive Sciences
- **Hassan Reza, Ph.D.**, Software Architecture, System Engineering, Model Based Design and Testing, Cloud Computing, Service Oriented Architecture

### Contact Information

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**Apply online:** <http://graduateschool.und.edu>  
**Deadlines apply. See our website for more details.**

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