

## 2015-2016 Admission Requirements

### Master of Science in Computer Science; Master of Science in Computer Science Systems Engineering

Following are the simple steps to apply for the master's programs in Computer Science at the University of Denver. If you have any questions about the process, please contact the [Office of Graduate Studies](#).

#### Apply Online / Application Deadlines

- Applications for graduate study at the University of Denver must be submitted online. [Apply online](#).
- All online materials must be received, and all supplemental materials including transcripts must be on file in the [Office of Graduate Studies](#), by the program's stated deadline: February 15, for the fall quarter. Applications received after the priority deadline will be accepted, processed and reviewed on a rolling basis for the fall, winter or spring quarters. International applicants are encouraged to have the admission application and all supporting documents in the Office of Graduate Studies by the deadline or no later than May 1, for fall admission.
- Students interested in competing for graduate teaching assistantships (GTAs) are encouraged to submit their applications by this deadline to ensure full consideration for an appointment in September of a given year.
- A \$65 non-refundable application fee is required for an application to be processed. Application fee waivers are available for McNair Scholars.

#### Course and Degree Prerequisites and Requirements

- Applicants for the MS in computer science must earn and submit proof of earning the equivalent of a baccalaureate degree in any discipline from a regionally accredited institution prior to beginning graduate coursework at DU.
- Prerequisite courses for MS include:
  - COMP 1671/1672/2673 Introduction to Computer Science (I/II/III)
  - COMP 2300 Discrete Structures in Computer Science
  - COMP 2370 Introduction to Algorithms and Data Structures
  - COMP 2691 Introduction to Computer Organization (or equivalent).

#### Transcripts

- Applicants are required to submit an official transcript from each post-secondary institution they have attended, or are presently attending, where two quarter hours (or one semester hour) or more were completed including study abroad and college coursework completed in high school.
- The applicant is responsible for obtaining all transcripts. Applicants who have earned a

degree outside the U.S. must submit transcripts accompanied by certified English translations, if not normally issued in English. DU students and alumni do not need to provide DU transcripts.

- Official study abroad transcripts are required unless the course titles, grades and credit earned abroad appear on another transcript. Transcripts from outside of the U.S. are evaluated by the Office of International Student Admission. This process can take three to four weeks and must be complete by the program's stated deadline. Therefore, **applicants with a degree from outside of the U.S. are encouraged to apply early.** Applicants educated outside the U.S. are encouraged to contact the Office of Graduate Studies for assistance regarding transcript-related materials.
- The University of Denver will consider electronic transcripts official from a domestic institution provided by the following approved agencies: Army/American Council on Education Registry Transcript System (AARTS); Docufide/Parchment; National Student Clearinghouse; Naviance; Royall and Company; and, Scrip-Safe. Electronic transcripts should be sent to [gradinfo@du.edu](mailto:gradinfo@du.edu).

Mail official transcripts to:

University of Denver  
Office of Graduate Studies  
Mary Reed Building, Room 5  
2199 S. University Blvd.  
Denver, CO 80208-4802

### Language Proficiency

- Official scores from the Test of English as a Foreign Language (TOEFL) or International English Language Testing System (IELTS) are required of all graduate applicants, regardless of citizenship status, whose native language is not English or who have been educated in countries where English is not the native language. Applications will not be processed until the required TOEFL or IELTS score is received. The TOEFL and IELTS scores are valid for two years from the test date. The minimum TOEFL score accepted by the University is 80 (iBT) or 550 (paper-based). The institution code for the University of Denver is 4842. The minimum IELTS score accepted by the University is 6.0. Graduate Teaching Assistants (GTAs) must demonstrate fluency in spoken English by scoring a 26 on the TOEFL speaking section or 8.0 on the IELTS speaking section. Please see the Graduate Policy Manual for complete English language proficiency requirements.
- Applicants may be exempted from English proficiency test requirements if by the time of matriculation they have earned a post-secondary degree from a formally-recognized/accredited university where the language of instruction and examination is English. Such applicants may be exempt from the TOEFL/IELTS requirement but not from

other standardized graduate entrance examinations. There are no exemptions for graduate teaching assistants.

- Students whose native language is not English and who are required to submit TOEFL/IELTS scores will be assessed by the University of Denver English Language Center (ELC) prior to matriculation.
- In cases where minimum TOEFL/IELTS scores were not achieved or no English proficiency test was taken, the Computer Science program may offer English Conditional Admission (ECA) to academically qualified non-native English speakers. Such applicants must take training through DU's English Language Center to meet the English language requirement. English language training at centers outside of DU will not be counted toward meeting English language proficiency requirements. International applicants with a three-year baccalaureate degree or any other academic deficiencies cannot be granted English Conditional Admission.

### Test Scores

- The Graduate Record Examination (GRE) is required. Scores must be received directly from the appropriate testing agency by the program's stated deadline. The institution code for the University of Denver is 4842.
- Competitive GRE scores for students admitted to the Department of Computer Science are below.
  - MS: Quantitative 152; Analytical Writing Section 2.0
- Minimum GRE Scores (Prior to November 2011) for Graduate Students:
  - MS: Verbal None; Quantitative 600; Analytical 4.0

### Personal Statement

- A personal statement of at least 300 words is required. The statement should include information concerning your life, education, practical experience, special interests and specific purpose for applying to the University of Denver. The statement should be submitted via upload through the online application process.

### Resume / C.V.

- A detailed resume or C.V. is required. This should include all educational achievements, relevant work experience, research and/or volunteer work. The resume or C.V. should be submitted via upload through the online application process.

### Recommendation Letters

- Three letters of recommendation are required. Letters should be solicited and uploaded by recommenders through the online application system. Requests for letters should be sent to recommenders well in advance so the letters are on file by the

application deadline.

### Financial Support

- To be considered for financial support, domestic applicants should apply early and submit the Free Application for Federal Student Aid (FAFSA) by the priority deadline; February 15. Information about financial aid can be found on the [Office of Financial Aid website](#). International students are not eligible for federal financial aid.
- The Department of Computer Science also offers a number of competitive graduate teaching assistantships (GTA) that provide full tuition remission along with a stipend for the nine-month academic year (three academic quarters).
- Other sources of financial support available include graduate research assistantships (GRA) either with or without partial tuition remission, scholarships and fellowships, and work opportunities from the department and from the School of Engineering and Computer Science. Contact the Computer Science department for more information about financial support.

### Application Status

- We encourage you to be actively engaged in the admission process. You can check your application status online at [PioneerWeb](#). Applicants will receive login information post application submission.

### Contact Information

Mail official transcripts and any supplemental admission materials not submitted with the online application to:

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Office of Graduate Studies  
Mary Reed Building, Room 5  
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Denver, CO 80208-4802

Electronic transcripts should be sent to [gradinfo@du.edu](mailto:gradinfo@du.edu).

For more information call (303) 871-2706 or chat with us via [Live Counselor](#).

### International Applicants

- For complete international applicant information, please visit the [Office of Graduate Studies International Student Application Information](#). International applicants are strongly encouraged to have their applications complete, with all materials on file in the admission office, at least eight weeks prior to the program's application deadline.

The *Graduate Policies and Procedures* provides complete details regarding admission requirements.

## Doctor of Philosophy in Computer Science

Following are the simple steps to apply for the Doctor of Philosophy in Computer Science at the University of Denver. If you have any questions about the process, please contact the [Office of Graduate Studies](#).

### Apply Online / Application Deadlines

- Applications for graduate study at the University of Denver must be submitted online. [Apply online](#).
- All online materials must be received, and all supplemental materials including transcripts must be on file in the [Office of Graduate Studies](#), by the program's stated deadline: February 15, for the fall quarter. Applications received after the priority deadline will be accepted, processed and reviewed on a rolling basis for the fall, winter or spring quarters. International applicants are encouraged to have the admission application and all supporting documents in the Office of Graduate Studies by the deadline or no later than May 1, for fall admission.
- Students interested in competing for graduate teaching assistantships (GTAs) are encouraged to submit their applications by this deadline to ensure full consideration for an appointment in September of a given year.
- A \$65 non-refundable application fee is required for an application to be processed. Application fee waivers are available for McNair Scholars.

### Course and Degree Prerequisites and Requirements

- Applicants for the PhD in computer science must earn and submit proof of earning the equivalent of a baccalaureate degree in computer science or a related discipline from a regionally accredited institution prior to beginning graduate coursework at DU.
- Prerequisite courses for PhD include:
  - COMP 1671/1672/2673 Introduction to Computer Science (I/II/III)
  - COMP 2300 Discrete Structures in Computer Science
  - COMP 2370 Introduction to Algorithms and Data Structures
  - COMP 2691 Introduction to Computer Organization (or equivalent).

### Transcripts

- Applicants are required to submit an official transcript from each post-secondary institution they have attended, or are presently attending, where two quarter hours (or one semester hour) or more were completed including study abroad and college coursework completed in high school.
- The applicant is responsible for obtaining all transcripts. Applicants who have earned a degree outside the U.S. must submit transcripts accompanied by certified English translations, if not normally issued in English. DU students and alumni do not need to provide DU transcripts.

- Official study abroad transcripts are required unless the course titles, grades and credit earned abroad appear on another transcript. Transcripts from outside of the U.S. are evaluated by the Office of International Student Admission. This process can take three to four weeks and must be complete by the program's stated deadline. Therefore, **applicants with a degree from outside of the U.S. are encouraged to apply early.** Applicants educated outside the U.S. are encouraged to contact the Office of Graduate Studies for assistance regarding transcript-related materials.
- The University of Denver will consider electronic transcripts official from a domestic institution provided by the following approved agencies: Army/American Council on Education Registry Transcript System (AARTS); Docufide/Parchment; National Student Clearinghouse; Naviance; Royall and Company; and, Scrip-Safe. Electronic transcripts should be sent to [gradinfo@du.edu](mailto:gradinfo@du.edu).

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### Language Proficiency

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- Applicants may be exempted from English proficiency test requirements if by the time of matriculation they have earned a post-secondary degree from a formally-recognized/accredited university where the language of instruction and examination is English. Such applicants may be exempt from the TOEFL/IELTS requirement but not from other standardized graduate entrance examinations. There are no exemptions for graduate teaching assistants.
- Students whose native language is not English and who are required to submit [TOEFL/IELTS](#)

scores will be assessed by the University of Denver English Language Center (ELC) prior to matriculation.

- In cases where minimum TOEFL/IELTS scores were not achieved or no English proficiency test was taken, the Computer Science program may offer English Conditional Admission (ECA) to academically qualified non-native English speakers. Such applicants must take training through DU's English Language Center to meet the English language requirement. English language training at centers outside of DU will not be counted toward meeting English language proficiency requirements. International applicants with a three-year baccalaureate degree or any other academic deficiencies cannot be granted English Conditional Admission.

### Test Scores

- The Graduate Record Examination (GRE) is required. Scores must be received directly from the appropriate testing agency by the program's stated deadline. The institution code for the University of Denver is 4842.
- Competitive GRE scores for students admitted to the Department of Computer Science are below.
- PhD: Verbal 146; Quantitative 156; Analytical Writing Section 3.5
- Minimum GRE Scores (Prior to November 2011) for Graduate Students:
- PhD: Verbal 400; Quantitative 720; Analytical 4.5

### **Personal Statement**

- A personal statement of at least 300 words is required. The statement should include information concerning your life, education, practical experience, special interests and specific purpose for applying to the University of Denver. The statement should be submitted via upload through the online application process.

### **Resume / C.V.**

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the Free Application for Federal Student Aid (FAFSA) by the priority deadline; February 15. Information about financial aid can be found on the [Office of Financial Aid website](#). International students are not eligible for federal financial aid.

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