

Master of Science in Software Engineering

Quick Look 2017-2018*

Length of Program: 36 units, 4 semesters

Approximate Cost: \$961 per unit, \$34,596 plus \$355 per semester general fee

Program Starts: Fall (September), Spring (January)

Priority Deadline: Application completion dates: Fall- May 15, Spring- November 1

Standard Deadline: Application completion dates: Fall- August 1, Spring- December 1

Program Format: Classes offered Monday thru Friday afternoon and evenings

GPA Requirement: 3.0 (Low GPA may be overcome with a satisfactory GRE score or other factors)

GRE Requirement: Not required, but recommended

Accreditation: Western Association of Schools and Colleges (WASC)

*Requirements and costs subject to revision without notice

Application Requirements

1. Application for admission with a \$45 non-refundable graduate application fee
2. Baccalaureate degree in Computer Science, Software Engineering or Computer Engineering from a regionally accredited institution or the evaluated equivalency. Or a degree in another field of Engineering, Physics, Mathematics or Business with at least 15 credits in the areas of computer programming, software design and construction, discrete math and computer architecture. Test out options may be available.
3. Minimum GPA of at least 3.0. Applicants with a GPA below 3.0 may be considered for admission.
4. Official transcripts from a college or university reflecting completion of a baccalaureate degree sent attention Graduate Admissions sent *attention Graduate Admissions*. Additional transcripts may be required for prerequisite or GPA verification.
5. If taken, GRE score is strongly recommended.
6. Three recommendations: two from academic sources are preferred if you have recently been in an academic setting- otherwise you may use professional references from managers, clients, etc. Family and friends may not complete recommendations.
7. Resume or Curriculum Vitae including up to ten years of professional experience and all postsecondary education
8. Thousand word essay describing your:
 - academic/career goals and interests
 - experience and interest in research and development
 - readiness for graduate study
 - access to external funding - government fellowships, corporate sponsorships, etc.
9. Successful interview with program director
10. An applicant whose first language is not English and/or does not have a degree from an institution where English is the primary language of instruction is required to demonstrate English language proficiency.

Degree Requirements

36 units

Core Courses

24 units

EGR 501	Engineering Research & Practice	3
EGR 506	Engineering Research & Development Methods	3
CSC 513	Security & Privacy in Computing	3
CSC 522	Software Development Methodology	3
CSC 525	Advanced Database Systems	3
CSC 526	Software Systems Design	3
CSC 527	Software Construction	3
STA 513	Applied Statistics	3
OR		
STA 544	Biostatistics	3

Electives

6 units

Six units from the following courses:		
CSC 512	Intelligent Systems	3
CSC 514	Theory of Computation	3
CSC 520	Image Processing	3
CSC 523	Mobile Applications Development	3
CSC 524	Web Application Development	3
CSC 528	Software Project Management	3
CSC 565	Special Topics in Software Engineering	1-4

Thesis/Project

6 units

EGR 507	Research & Development	3
EGR 508	Documentation & Presentation	3

graduateadmissions@calbaptist.edu

951.343.4249