



PROGRAM PLANNER
2026 - 2027

BIBLICAL EDUCATION (30 hrs)		HRS	GR	TR
Bible (18 hrs)				
BI115	Bible Study/Hermeneutics (3 hrs)			
BI120	Old Testament Survey (3 hrs)			
BI130	New Testament Survey (3 hrs)			
BI343	Genesis (3 hrs)			
Choose 1:				
BI224	John OR (3 hrs)			
BI334	Romans (3 hrs)			
BI / BL / TH Elective (Choose 3 hrs):				
Theology (12 hrs)				
TH111	Evangelism/Spiritual Life (3 hrs)			
TH220	Systematic Theology I (3 hrs)			
TH221	Systematic Theology II (3 hrs)			
TH222	Systematic Theology III (3 hrs)			
	HOURS COMPLETED:	0		
	HOURS NEEDED:	30		

GENERAL EDUCATION (38 hrs)		HRS	GR	TR
COMMUNICATIONS (9 hrs)				
Required:				
EN112	College Composition I (3 hrs)	0		
EN113	College Composition II (3 hrs)			
Communications Elective: (Choose 1)				
COM220	Oral Communication (3 hrs)			
HUMANITIES (13 hrs)				
Required:				
RP100	Developing a Biblical Worldview (1 hr)			
Fine Arts: (Choose 1)				
MU110	Music Appreciation OR (3 hrs)			
TA341	Christ & Creativity (3 hrs)			
Literature: (Choose 1)				
	(3 hrs)			
History:				
HP100	Constitutional Exam (0 hrs)			
History: (Choose 1)				
	HP221, HP222, HP232, HP238 (3 hrs)			
NATURAL SCIENCES / MATH (11 hrs)				
Required:				
MATH 115	Calculus I (5 hrs)			UCM
PE110	Lifetime Fitness (1 hr)			
Science: (Choose 5 hrs - class + lab))				
SOCIAL / BEHAVIORAL SCIENCES (5 hrs)				
Required:				
GE101	Warrior Seminar (2 hrs)			
Social Sciences: (Choose 1)				
	(3 hrs)			
General Education Requirement				
CS1000	Computers & Modern Society (3 hrs)			UCM
	HOURS COMPLETED:	0		
	HOURS NEEDED:	38		

CM099	Christian Ministry	
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Name:
ID#:

PROFESSIONAL DIRECTED STUDIES
Computer Science
BACHELOR OF SCIENCE

TOTAL HOURS REQUIRED FOR THE DEGREE: 139

TRANSFER CREDIT FROM:		HRS
Total Transfer Hours:		0

PROFESSIONAL EDUCATION (71 hrs)		HRS	GR	TR
Missions/ Ministry Core (3 hrs)				
IC111	Intro to Christian Missions (3 hrs)			
Computer Science Major				
<i>* Based on University of Central Missouri program</i>				
CS 1100	Computer Programming I (3 hrs)			UCM
CS 1110	Computer Programming II (3 hrs)			UCM
CS 2300	Data Structures (3 hrs)			UCM
CS 2400	Discrete Structures (3 hrs)			UCM
CS 3100	Programming Languages (3 hrs)			UCM
CS 3200	Computer Org & Architecture (3 hrs)			UCM
CS 3500	C & LINUX Environment (3 hrs)			UCM
CS 4300	Algorithm Design & Analysis (3 hrs)			UCM
CS 4500	Operating Systems (3 hrs)			UCM
CS 4600	Database Theory & Applications (3 hrs)			UCM
SE 3910	Software Engineering (3 hrs)			UCM
(Choose 1)				
CYBR 3130	Secure Programming OR (3 hrs)			UCM
CYBR 4820	Intro to Information Assurance OR (3 hrs)			UCM
CYBR 4920	Software Security (3 hrs)			UCM
(Choose 1)				
CS 4920	Senior Project OR (3 hrs)			UCM
SE4920	Senior Project (3 hrs)			UCM
Computer Science Option				
Required:				
ACST 3111	Intro to Probability & Statistics (3 hrs)			UCM
CS3400	Discrete Structures II (4 hrs)			UCM
CS 3840	Computer Networking (3 hrs)			UCM
MATH3710	Linear Algebra (3 hrs)			UCM
Electives: (15 hrs)				
CS1030	Python Programming I (3 hrs)			UCM
CS1070	Practical AI (3 hrs)			UCM
CS2030	Python Programming II (3 hrs)			UCM
CS3110	Applications Programming in C# (3 hrs)			UCM
CS3120	Client Side Web Programming (3 hrs)			UCM
CS3850	Game Development 2D (3 hrs)			UCM
CS4000	Special Problems in Comp Sci (1-3 hrs)			UCM
CS4020	Internship (1-3 hrs)			UCM
CS4110	Mobile Applications Android (3 hrs)			UCM
CS4120	Adv App Programming in Java (3 hrs)			UCM
CS4130	Server Side Web Programming (3 hrs)			UCM
CS4180	Web Development Frameworks (3 hrs)			UCM
CS4610	Intro to Cloud Computing (3 hrs)			UCM
CS4700	Artificial Intelligence (3 hrs)			UCM
CS4710	Machine Learning (3 hrs)			UCM
CS4720	Neural Network & Deep Learning (3 hrs)			UCM
CS4760	Natural Language Processing (3 hrs)			UCM
CS4810	Computer Graphics (3 hrs)			UCM
CS4830	Game Development 3D (3 hrs)			UCM
CYBR3130	Secure Programming (3 hrs)			UCM
CYBR3300	Intro to Cryptography (3 hrs)			UCM
CYBR4140	Web Application Security (3 hrs)			UCM
CYBR4840	Ethical Hacking (3 hrs)			UCM
CYBR4920	Software Security (3 hrs)			UCM
DSA3200	Intro to Data Visualization (3 hrs)			UCM
DSA4100	Prog Found for Data Sci & AI (3 hrs)			UCM
DSA4200	Adv Data Visualization (3 hrs)			UCM
DSA4600	NoSQL Database Systems (3 hrs)			UCM
DSA4620	Big Data Analytics (3 hrs)			UCM
SE2920	Development Tools (3 hrs)			UCM