

Plymouth State College CURRICULUM PLANNING GUIDE with APPLICATION of TRANSFER CREDIT

BS APPLIED COMPUTER SCIENCE 2001-2002

Student _____
 SS# _____
 Enrollment Date _____

Total semester hours required: 122
 Total semester hours transferred: _____

PSC Requirements	Credits	GenEd	Transfer Course (title)	Credits	To Be Taken
CS 201 Foundations of Computer Science	3	T			
CS 215 Computer Hardware	4	T			Falls
CS 237 Programming in Java	4				
CS 238 Client/Server Programming	3				
CS 316 Data Structures/Algor Analysis C++	4				Spring
CS 332 Organ Programming Languages	3				Spring
CS 360 Database Management Systems	4				Falls
CS 378 Introduction Computational Theory	3				even Falls
CS 414 Software Engineering	3				odd Falls
CS 430 Computer Architecture	4		Writing not transferable		Falls
CS 431 Operating Systems	3				Spring
CS 475 Senior Project	3				
Major electives (complete two): CS 324 Data Commun/Computer Networks CS 344 Multimedia CS 350 Intro to Artificial Intelligence CS 370 Computer Graphics CS 372 Systems Analysis and Design CS 382 Human-Computer Interaction CS 422 System Administration CS 440 Computer Network/Protocol CS 442 Computer Security CS 452 Science, Technology & Society CS 492 CS Internship (3 credits)	6	I	Writing not transferable		Falls even Spring odd Falls even Spring Spring odd Spring odd Falls Spring Spring even Falls
MA 230 Statistics I	3	M or Q			
Complete one sequence: MA 249 Applied Calculus I <i>and</i> MA 250 Applied Calculus II or MA 255 Calculus I <i>and</i> MA 256 Calculus II	8	M or Q M or Q M or Q M or Q			
MA 312 Elements of Linear Algebra or MA 341 Numeric Methods Using the Comp.	3	UL UL			Spring odd Falls
MA 320 Discrete Mathematics	3	UL			Falls
PH 241 University Physics I	3	S			Falls
PH 242 University Physics II	3	S			Spring
PH 243 University Physics Lab I	1	S-Lab			Falls
PH 244 University Physics Lab II	1	S-Lab			Spring
Science course with laboratory	4				
EN 120 Composition	3				
IS 101 Introduction Academic Community	1		transfers (24+ credits) do Computer/Library Skills		
PE Physical Education activities	2				
F Fine and Performing Arts	3				
G Global Perspective	3				
H Historical Perspective	3				
L Literary Perspective	3				
P Philosophical Perspective	3				
SP Social and Psychological	3				
SP Social and Psychological	3				
Integrative Component	3		must be taken at PSC		
Upper-division Requirement (not CS) or Academic Minor	3 or 15-32				
Electives	13 or 1-0				

Social and Psychological Perspectives must be completed in 2 different disciplines.