VIRGINIA WESLEYAN UNIVERSITY

JOAN P. BROCK SCHOOL OF MATHEMATICS AND NATUR

Mathematics is at its heart the search for pattern or structure. It is an essential component of the liberal arts: A mathematician nds a structure and develops a vocabulary or theory for describing, exploring, and extending it further. Study in mathematics engages students in the search and in the articulation of the consequences. The study of mathematics requires both creativity and rigorous, logical thinking.

THE PROGRAM

5IFN JTJPPOG UIF NBUIFNBUJDT E Classes at Virginia Wesleyan are small and QSPWJEF BO PQQPSUVOJUZ GP...SerahveM4 FN V PPGOU UFUDP MBJ 6T XJUIJO DPNQUBUJPOBM EFYUFSJBM...PNBUFNBSUJDUBODESP PHSBN JODMVEF .P NBUFNBUJDT BT B IVNBO BOE TP(DSPBU FJFOFFBWMP SJWBS JBCMF $BMDV UP EMP QUIF QPXFS PG NBUIFN4BWSUJDUBSSF BSTNPCFSJ H5IFPSZ $ZQUF XIJMQSFPNPUJOH UIF SJHPSBVT SFBJJPOU UJHOJPPM UBUJPOT PG -P BMPXTUVEFOUT UP JOWFTUXJFBO 5JI J%JFOBSUFSNQFOBZ PGF .BUIFNBUJDT UFBTD BSU BOE UIF DPODSFUF. DSFTT UP TVQQPSU TFDP OPBSZ UFB JO DPPQFSBUJPO XJUI UIF GP %FQBSUJ UISPVH UIF .""&E

THE MAJOR

5IF %FQBSUNFOU PG .BUIFPSOBUJDT PGGFST B NBK NBUIFNBUJDT MFBEJOH FJPSUFS UIFS JO'TS UFSFTI GF #4EFHSFF &BDI QSPHSBN QSPWVEFFBUT SJPBUUIF NBUIFNBUJDT EFQ FEVDBUJPO JO UIF GVOEBNFOHJBPMQTBO OEVBSJZ NUFNPNQBSSJWDJJQBUF JO TUSBUFFH Jathematics courses are designed to QSPKFDUT SFMBUFE UP UIFJS TUVEJ meet two goals: (1) to introduce some of the most TUVEFOT IBWF CFFO TFMFDUFE GP influential ideas and techniques in mathemerics QSPHSBNT GVOEFE CZ UIF /BUJPOBM and (2) to develop problem-solving ability by 'PVOEBUJPO BOE IBWF QSFTFOFE U teaching students to combine creative matatetal BOE PGG DBNQVT .BUIFNBUJDT NBK searching with rigorous reasoning. IJSFE GPS JOUFSOTIJQT BU B WBSJF
JODMVEJOH /"4" 4VSSZ /VDMFBS 1P
7FSJGJFE 7PUJOH BOE UIF /PSGPML

5)& *./03

5IF %FQBSUNFOU PG .BUIFNBU%JD DQ BPSUGNFSOTU UGXBPD NNBO IP TPSBT BWJTPST B %BNJO PO NBUIFNBUJDT BOE B NJFOPST JSCJFSF&#QPMBSBUJPO BOE %JT TJDFJODOUMZ XJUI UIF %FQBSUNFUUFOUP TFP NQVQUOFS GJOE JOUFSTIJ 4DFPD %BUB TDJFODF JT BO FNFSQBSPVUHVJFMFTUSBMBUF UP UIFJS DPNCJOFT DPNQVUFS TBJFFOD GPVOE BU BDSUFSJD JOUFSFTUT NJOPS JO EBUB TDJFODFL JMMUBDIFT QSPHSBNNJOH QSFHSBNNJOH MBOHVBHFT +DBWBF3FSBPBN BOBMZUJ NPEFMT BOE WJTVBMJ[BBUJPOTT" FFHSFTJPO NBUFNBUJDT PGGFST B BOEEBUB TDJFODF DPNQMFNFMEFOUJBNSJFFSSPQUJPONBY7 6 HISBEEVBUFT IB

BEYOND THE CLASSROOM

CZPSHBOJ[BUJPOT JODMVEJOH 45*)- /BUJPOBM -BCPSBUPSZ4 MBUPE 64* *O . BU NBKPST IBWF BMTP QVSTVFE BE JO NBUIFNBUJDT FOHJOFSSJOH F SFMBUFE GJFMET

CONTACT INFORMATION

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