



Minor Course Requirements—2020-2021

A minor may be declared anytime during the fall or spring terms. Use a Major/Minor Change form to request the minor. One-half of all required credits leading to a minor must be earned at Grove City College.

ACCOUNTING. 18 required hours, including Accounting 201, 202, 301, 321, 405, and one course from Accounting 302, 303, 305, 401, 402, 403, or 406. **This minor is not available to students completing an Accounting major.**

APPLIED SOCIOLOGY. 18 required hours of Sociology courses, including Sociology 101, 471; and one of Sociology 377 or 378; and nine additional hours of Sociology coursework.

ASTRONOMY. 21 required hours, including Physics 101 or 121; Physics 102 or 122; and Astronomy 206, 207, 301, and 310.

BIBLICAL & RELIGIOUS STUDIES. 18 required hours of Religion, Greek, and/or Hebrew courses.

BIOLOGY. 22 required hours, including Biology 101, 102, 233, and 234 plus six hours from Biology 301, 302, 305, 308, 310, 313, 314, 320, 322, 323, 325, 326, 327, 331, 334, 341, 346, 372, 390, 403, 407, 409, and 421.

BUSINESS. 18 required hours, including Accounting 201, 202; Finance 301; Management 201, 203; and Marketing 204. **This minor is not available to students with academic majors within the Business Program.**

BUSINESS ANALYSIS. 18 required hours, including Management 201, 202, 310; Computer Science 141, 244; and three hours from Management 204, 307, or Computer Science 155.

CHEMICAL ENGINEERING. 19-20 required hours, including Engineering 220, 320, 420; Mechanical Engineering 325, 326, 352; and one of Mechanical Engineering 214, Chemistry 346, or Physics 340.

CHEMISTRY. 24 required hours, including Chemistry 111 and 113, or 105; Chemistry 112 and 114; Chemistry 227 and 241; and eight hours from Chemistry 231, 242, 245, 342, 345, 346, 406, or 431.

CHRISTIAN MINISTRIES. 21 required hours, including Christian Ministries 122, 238, 480 (3 hours minimum); Religion 217; and nine additional hours from Christian Ministries 228, 248, 258, 313, 321, 322, 361, 412, Religion 237, 238, 248, 255, or 320.

CLASSICAL CHRISTIAN EDUCATION. 23 required hours, including History 204, 208, 410, 480 (2 cr); and twelve additional hours from History 206, 207, 341, 346, 376; Religion 211, 212; Political Science 355; Philosophy 231; Greek 101, 102, 201, 202, 260, 360, 460; Latin 101, 102, 201, 202, 290; Art 201; Communication Arts 207, 427; Music 331; and Sociology 103.

CLASSICAL STUDIES. 21 required hours, including History 207 or 290 (Rome); English 302; Political Science 355 or Philosophy 231; and twelve additional hours from History 204, 207 or 290 (Rome), 341, 346, 376, 410; Religion 211, 212; Political Science 355 or Philosophy 231; Greek 101, 102, 201, 202, 260, 360, 460; Latin 101, 102, 201, 202, 290; Art 201; Communication Arts 207, 427; Music 331; and Sociology 103.

COMMUNICATION ARTS. 18 required hours, including Communication Arts 104 or three semesters of Communication Arts 109; one theory course (Communication Arts 110, 207, 222, 304, or 305); plus 12 hours of Communication Arts electives. The one credit course, Theatre 259, may be repeated, and a maximum of three hours may count toward the minor. A Communication Internship (Communication Arts 480) may not count as an elective course toward the minor.

COMPUTER GAME DESIGN and DEVELOPMENT. 18 required hours, including Communication Arts 272; Communication Arts 135 or Design 110; Computer Science 441, 446, 447; and one of Computer Science 401, 402, or 445.

COMPUTER SCIENCE. 18 required hours, including Computer Science 141, 220, 222, and nine additional hours of Computer Science courses 200-level and above.

CREATIVE WRITING. 21 required hours, including Writing 315 or an approved Writing 390 course; one of Writing 305 or 310; four courses from Writing 271, 272, 281, 320, 359, 382, 383, or 384; and one genre literature course from English 230, 242, 243, 245, 246, 250, 252, 261, or 262.

CRIMINAL JUSTICE STUDIES. 18 required hours, including Sociology 101; Sociology 377 or 378; and four courses from Sociology 203, 221, 233, 314, 315, 331, or Economics 402.

CYBERSECURITY. 18 required hours, including Computer Science 205, 340, 342, 448, 475, and Sociology 221.

AI and DATA SCIENCE. 22 required hours, including Data Science 215, 344; Computer Science 435, 445; one of Management 201, Mathematics 201, or Psychology 201; Mathematics 214 or both Mathematics 222 and 331; and one of Management 212, 310, 314, or 325.

DESIGN. 21 required hours, including Design 101, 102, 201, 202; Design 220 or Art 202; and two courses from Art 101, 105, 121, Design 110, 210, 390, Communication Arts 212, 245, 277, or 378.

DIGITAL ENTREPRENEURSHIP. 21 required hours, including Entrepreneurship 101, 328, 330, 409; Design 101, 210; and either Entrepreneurship 309 or Marketing 315. **This minor is not available to students completing an Entrepreneurship major.**

DIGITAL MARKETING. 18 required hours, including Marketing 204, 315, 328, 330; Entrepreneurship 309; and three hours from Management 325, Entrepreneurship 470, or Marketing 480. Note: Students wishing to receive credit for Marketing 480 – Internship in Digital Marketing – and internship credit toward a Marketing major elective may not use the same internship experience to count for both. Rather, two separate internships must be completed, usually in the summers following the sophomore and junior years.

ECONOMICS. 21 required hours, including Economics 101, 102 and 120, plus twelve additional hours in economics.

ENGLISH. 18 required hours of English (ENGL) literature courses.

ENTREPRENEURSHIP. 22 required hours, including Accounting 201; Entrepreneurship 101, 102, 201; Finance 301; and nine hours from Entrepreneurship 302, 303, 307, 309 or 328, 312, 314, 317, 408, 423, 430, or 467. **This minor is not available to students completing an Entrepreneurship major.**

ENVIRONMENT AND COMMUNITY STUDIES. 18 required hours, including Sociology 101; Sociology 377 or 378; and four courses from Economics 204, 215, Sociology 210, 211, 356, 375, or Political Science 309.

EXERCISE SCIENCE. 23 required hours, including Exercise Science 101, 203, 221, 244 or 254, 253, 256, and 258. Biology 341 may be taken in the place of Exercise Science 253.

FAMILY STUDIES. 19 required hours, including Psychology 201; Sociology 312; one course from: Psychology 204, Political Science 277, or Sociology 377; and three courses from: Psychology 209, 211, 322, or Sociology 251.

FINANCE. 18 required hours, including Finance 301, 332, 440, and three courses from Finance 334, 341, 435, 436, 462, or Entrepreneurship 430. **This minor is not available to students completing a Finance major.**

FRENCH. 18 required hours of French courses beyond French 101 and 102, excluding FREN 362.

HIGH-TECH ENTREPRENEURSHIP. 18 required hours, including Computer Science 401, 402, or 442; Computer Science 451, 452; Entrepreneurship 101, 301; Entrepreneurship 317 or 409; and one hour of Entrepreneurship 360 or 460.

HISTORY. 18 required hours, with six hours selected from each of the three following areas:

(American) History 283, 285, 334, 336, 349, 350, 357, or 379;

(European) History 208, 209, 212, 261, 262, 265, or 372;

(Other) History 143, 144, 206, 207, 224, 231, 260, 270, 317, 318, 337, 338, 341, 343, 346, 360, 370, 375, 376, 378, 390, 400, 460, 470, 480, 488; Political Science 317 or 318; Religion 341, 342, or 343.

INTERNATIONAL BUSINESS. 18 required hours, including International Business 305, 445; six hours of 200-level or higher foreign language courses; and two courses from International Business 416, 417, Economics 206, 303, 390, or Entrepreneurship 307. **This minor is not available to students completing an International Business major.**

INTERNATIONAL STUDIES. 24 required hours, including modern language competency demonstrated by completing at least the second year course sequence (201-202) or equivalent in a widely spoken modern language other than the student's native language; an approved international academic experience (study abroad) at the college level for a semester or year, or 3 credits of international internship experience; six hours from Communication Arts 225, Global Studies 300, Psychology 200, or Sociology 103; three hours of toward a Global Capstone, choosing from Communication Arts 470, 480, or 499; and 15 hours from the following courses, with no more than 3 courses from any one of these emphases areas:

1. International Politics, History, Religion: History 141,212, 224, 231, 263, 265; Political Science 301, 333, 341, 342, 344; Religion 248, or 342.
2. Global Economics: International Business 305, 416, 445; Economics 202, or 206.
3. Global Society & Culture: French 301, 305, 321, 326, 340; Global Studies 310; Sociology 241, 375; Spanish 320, 333; Spanish 322 or 323; or Spanish 326 or 327.
4. International Art, Music, English: English 205, 206, 250, 324, 325; or Music 330.

MANAGEMENT. 18 required hours, including Management 203, 457, 475, and three courses from Management 302, 304, 307, 325, 424, 433, 450, 458, 464, 465, or 480. **This minor is not available to students completing a Management major.**

MARKETING. 18 required hours, including Marketing 204, 315, 411, 415, 419, and one course from Marketing 412, 414, 417, 420, or 480. **This minor is not available to students completing a Marketing major.**

MATHEMATICS. 22-23 required hours in Mathematics courses, including Mathematics 210 or 213 and 222; excluding Mathematics 110, 111, 118, 119, 151, 152, 201, 237, 240, 305, 306, and 307.

MEDICAL PHYSICS. 19 required hours, including Physics 101 or 121; Physics 102 or 122; and Physics 234, 321, 401, and 402.

MEDIEVAL STUDIES. 21 required hours, including English 304, History 208, Philosophy 232, and twelve hours from Art 201, English 224, 390 Bible Study Before the Reformation, French 320, History 261, 341, 346, Latin 290 Reading Latin, Music 331, Religion 341, 390 Bible Study Before the Reformation, and Spanish 330.

MISSIONAL ENTREPRENEURSHIP. 18 required hours including Entrepreneurship 101, 201, 307, 314, 408, and 468. **This minor is only available to students with a Biblical & Religious Studies or Christian Ministries major.**

MOBILE DEVELOPMENT. 18 required hours, including Computer Science 244, 401, 402, 442; Design 101 and 210.

MUSIC. 18 required hours in Music courses, including Music 103, 104, 105; Music 331 or 332; three ½ hour juried lessons, choosing from Music 150-191; two semesters participation (for credit) in Music 100, 101, or 102; and four additional hours of Music electives. Note: While enrolled as a music minor, students must register each semester for Music 198, which requires attendance at four recitals per semester; perform in at least two *student* recitals while enrolled as a music minor; and attend all Music Department meetings each semester. **All prospective Music minors must pass an audition before being admitted into the Music minor program.**

MUSICAL THEATRE. 21 required hours, including Music 103, 105, 161 or 162 (minimum 3 credits); Music 222, Music or Theatre 210, Theatre 251, and six additional hours choosing from Music 161, 162, 222, Physical Education 211, 213, 290 Jazz & Tap, Theatre 262, 320, and 351. **All prospective Musical Theatre minors must pass an audition before being admitted into the Musical Theatre minor program.**

NATIONAL SECURITY STUDIES. 18 required hours, including Political Science 302, 303, 335, and History 336; and six hours from History 337, 338, 375; Political Science 310, 341, 342, or 344.

NUTRITION. 15 required hours, including Exercise Science 134, 240, 244, 254, and 344.

PHILOSOPHY. 18 required hours, including Philosophy 161 or 191, Philosophy 201 or 211, and twelve additional hours of Philosophy courses. A maximum of three credits of independent study in Philosophy may count toward the minor. Political Science 205 may also count as toward this minor.

PHYSICS. 18 required hours, including Physics 101, 102, 135, and 234 (12 hours). Two of the following (6 hours): Physics 303, 305, 310, 431 or 442 (Electrical Engineering majors may not take Physics 305).

POLITICAL PHILOSOPHY and THEOLOGY. 18 required hours, including Political Science 355, 356; and 12 hours from Philosophy 191, 314, 340, 488, Political Science 350, 354, 357, or Religion 362.

POLITICAL SCIENCE. 18 required hours, including Political Science 104, 201, 204, and 205; and six hours of Political Science electives.

PRE-LAW. 18 required hours, including Political Science 317, 318 (or History 317, 318); Political Science 351 or Philosophy 340; Philosophy 211; and six hours from Accounting 201, Management 303, 304, 308, Communication Arts 104, Philosophy 201, Political Science 305, 308, or Sociology 233, 331.

PSYCHOLOGY. 18 required hours of Psychology courses, including Psychology 101 and excluding Psychology 102. Exercise Science 203 Exercise and Sport Psychology may also count toward the Psychology minor.

REDEMPTIVE ENTREPRENEURSHIP. 18 required hours including Entrepreneurship 307, 314, 468, and three courses from Religion 248, 251, 320, Christian Ministries 228, and 248. **This minor is not available to students completing a Biblical & Religious Studies, Christian Ministries, or Entrepreneurship major.**

ROBOTICS. 19-20 required hours including Robotics 301, 302; Engineering 301; a 3-4 credit robotics-related capstone project; and nine hours from Computer Science 445, Electrical Engineering 310, Mechanical Engineering 316, Mechanical Engineering 410 or Engineering 390 Introduction to Mechatronics, Electrical Engineering 421 or Mechanical Engineering 407, or Electrical Engineering 422.

SALES. 18 required hours including Marketing 204, 412, 414; Management 311; and six hours from Management 307, 312; Communication Arts 104; or Marketing 480. Note: Students wishing to receive credit for Marketing 480 – Internship in Sales – and internship credit toward a Marketing major elective may not use the same internship experience to count for both. Rather, two separate internships must be completed, usually in the summers following the sophomore and junior years.

SOCIAL ENTERPRISE. 21 required hours, including Entrepreneurship 307, Entrepreneurship 408 or International Business 408, Sociology 201 and 356; Communication Arts 225 or Global Studies 300; and six hours from the following: Sociology 208 or 314; Social Work 101, 305 or 382; or Entrepreneurship, Management, or Sociology 390 with department chair approval. **This minor is only available to students with a major within the Business Program.**

SOCIAL ENTREPRENEURSHIP. 21 required hours, including Entrepreneurship 101, 307; Entrepreneurship 408 or International Business 408; Accounting 201; Finance 301; Management 203; and Marketing 204. **This minor is only available to students with a Sociology major.**

SOCIAL INNOVATION. 21 required hours, including Entrepreneurship 408 or International Business 408; Sociology 201 and 356; Communication Arts 225 or Global Studies 300; and nine hours from the following: Sociology 208 or 314; Social Work 101, 305 or 382; Entrepreneurship, Management, or Sociology 390 with department chair approval. **This minor is only available to students with an Entrepreneurship major.**

SOCIAL WORK. 21 required hours including Social Work 101, 264, 272, 342, 382, and six hours from Sociology 203, 208, Social Work 205, 280, 305, or Psychology 312.

SPANISH. 18 required hours of Spanish courses beyond Spanish 201 and 202, including Spanish 295 or 301; Spanish 303; Spanish 305 or 340; one Spanish literature and culture course (Spanish 320, 330, or 331); one Latin American literature and culture course (Spanish 321, 325, or 328); and three hours of 300 or 400-level Spanish electives, excluding Spanish 362.

SPANISH FOR THE PROFESSIONS. 18 required hours of Spanish courses beyond Spanish 201 and 202, including Spanish 295 or 301; Spanish 303, 306, and 315; Spanish 316 or 317; and one literature and culture course (Spanish 319, 320, 321, 325, 326, 327, 328, 330, 331, or 333).

SPORTS MANAGEMENT. 18 required hours, including Management 203, 312, 313 (2-3 cr), 480 (3 cr); and six to seven additional hours from Exercise Science 201, 220, 235, 305; Marketing 414, 420; Management 307, 311, 325, or 433. **This minor is not available to students completing a Management major.**

STUDIO ART. 21 required hours: One 2D course from Art 101, 105 or 121; one 3D course from Art 103, 104 or 111; one Art History course from Art 201 or 202; 12 hours from Art 101, 103, 104, 105, 111, 121, 201, 202, 207, 208, 290, 320, 390, Design 101, 102, or 210.

THEATRE. 24 required hours, including English 250; Theatre 251, Theatre 261, and the 1-hour Theatre 259 course, which must be taken three times; and twelve hours from: English 252, 302, 351, 352; Theatre 255, 262, 320, 351, or 384. Theatre or English 260, 290, 360, 390, 460, or 480 are also acceptable options with departmental approval and must relate directly to theatre studies.

WRITING. 21 required hours, including Writing 305* or 310; Writing 315; one 300-level Writing course (excluding 305 and 310) or a Writing or Communication Arts internship; and twelve hours choosing from two writing track options:

1. Professional Writing Track: Four courses from Communication Arts 135, 235, 300, 378, Writing 271 or 281, and Entrepreneurship or Marketing 328.

2. Technical Writing Track: Three courses from Design 101, 210, and Communication Arts 378; and one course from Computer Science 141, 155, 205, and Electrical Engineering 204. *Note: Writing 305 must be completed by students pursuing the Technical Writing Track.

YOUTH MINISTRY. 21 required hours including Christian Ministries 112, 238, 258, 480 (3 hours minimum); Religion 217; and six additional hours from Christian Ministries 122, 228, 248, 311, 313, 321, 322, 342, 361, 412, Religion 237, 238, 248, 255, or 320.